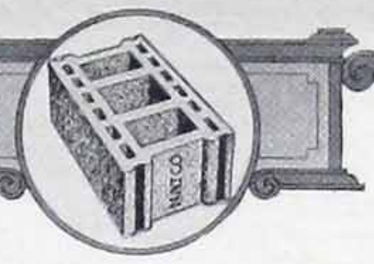
NATCO

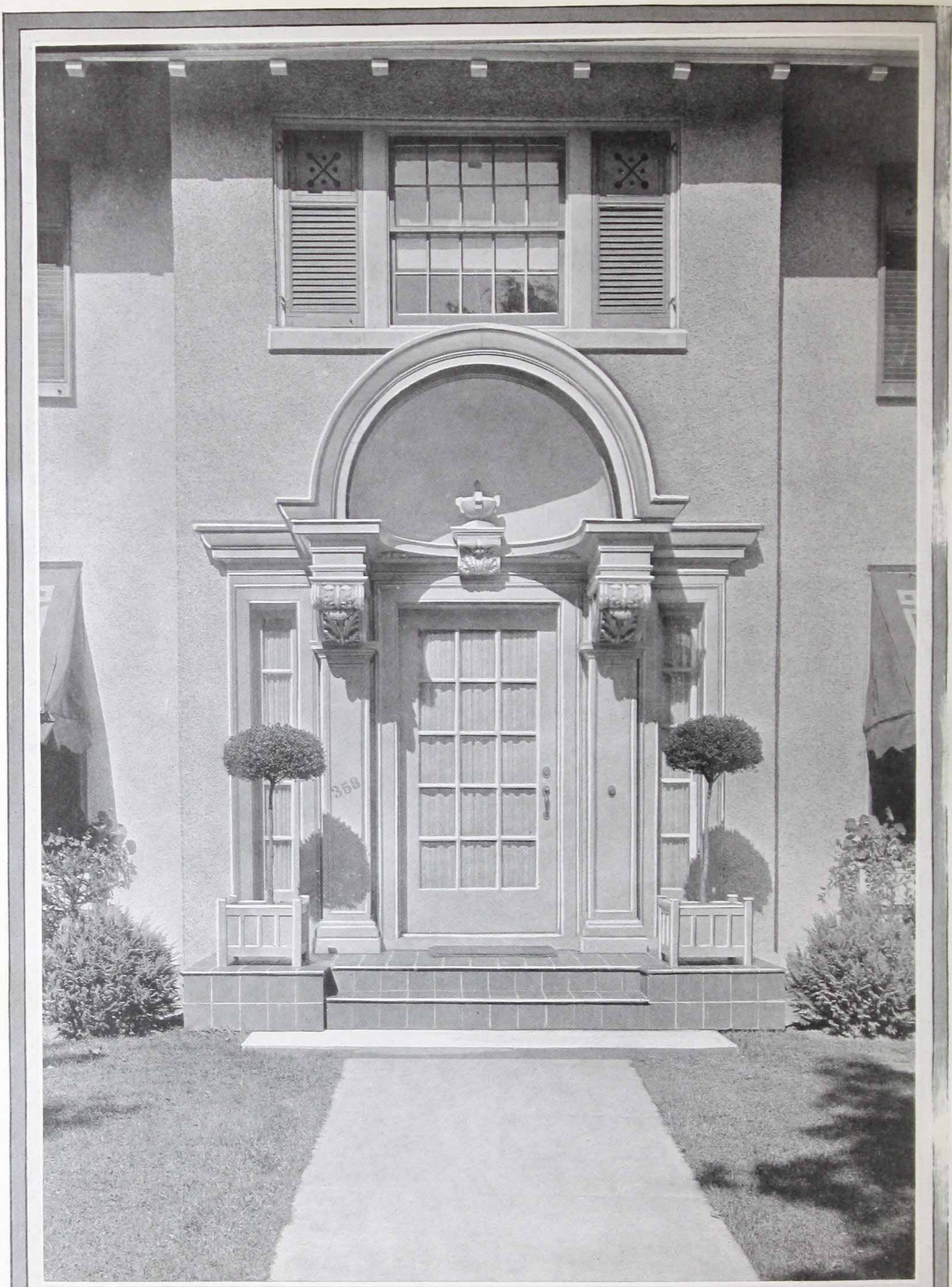
HOMES and GARAGES

TYPICAL HOMES AND GARAGES *of* NATCO HOLLOW TILE



Let them begin, however slender their means, the building and perfecting of the national character by the building of a home which shall be worthy of the habitation of an American family, calm in the assurance that "The gods send thread for a web begun."

CALVIN COOLIDGE
Vice President of the United States



There is a sense of dignity in this charming entrance which would add character and individuality to any home. It shows very effectively how Nacto Hollow Tile enhances any general architectural scheme.

NATCO

HOMES *and* GARAGES

NATIONAL·FIRE·PROOFING·COMPANY

PITTSBURGH, PENNSYLVANIA

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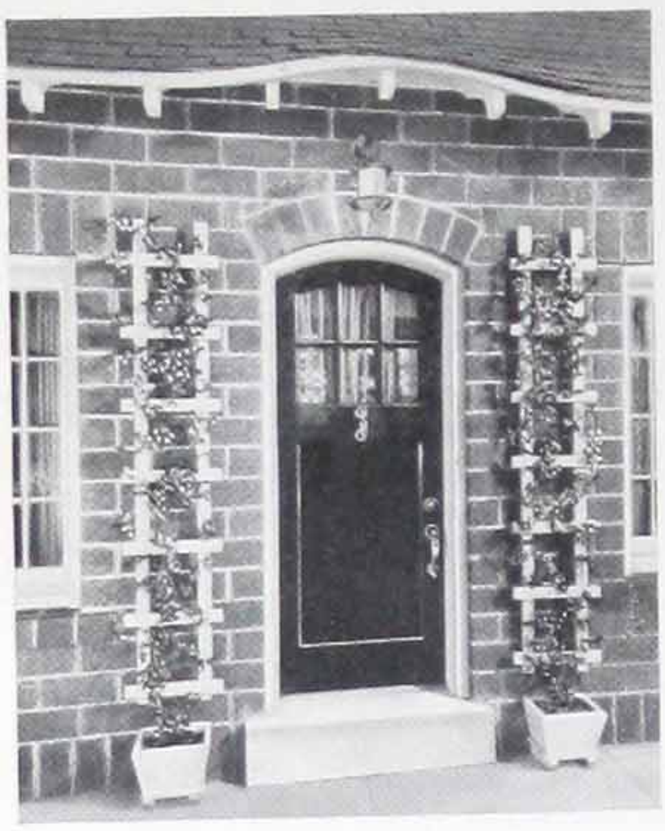
A Home of Your Own Makes Life More Worth While



Pleasing entrance to Natco Tex-Tile Bungalow.

THE high rents and scarcity of desirable homes at the present time has done much to make people think very seriously of building homes of their own. The great number of homes being built now, or that will be built in the near future, is due to the fact that so many of these people have found out upon investigation how economical it is to own their own homes.

To build a home of your own should be a serious and all-absorbing business. Nothing that you can buy is used so long. Nothing else has so great an influence over life and character, for your home covers, awake and asleep, those that are nearest and dearest; the wife, the children, "the old folks" and the friends.

So, when you build your home in some good locality and start to build up your life there, you want a home that will be a source of increasing comfort, satisfaction and economy, not a source of annoyance and expense in the years to come. Each step in its development should be well planned in accordance with tried and true principles. Every single item going into its construction should be selected not just because of clever or attractive design but to give the *utmost in wear and service*.

Attractive lighting fixtures, pleasing wall decorations and other artistic and convenient details are necessary, if you are to get the utmost of enjoyment in your new home. At the same time, you should constantly guard yourself against giving *too much consideration* to these relatively unimportant matters that can be changed at any time to suit your taste.

It is infinitely more important that you give a great deal *more consideration* to the materials going into the walls and foundations that are built to stay and cannot be changed without destroying the very building itself. Because of this, it is indeed false economy to try to save a few dollars on the initial cost of your walls or foundations by using inferior materials, that, figured over a number of years, cannot give you the comfort, satisfaction and real economy you should have.

That you cannot have safety against fires, when you build your home of material with which you start your kitchen fire, is proved when you consider the fire losses in this country. In 1910, the fire loss per capita in England was $.44, in France, $.92, while in the United States it reached the appalling sum of $2.39. This may be due in some small degree to our carelessness in handling fire risks, but it is mostly due to the fact, that in this country, we have built largely of combustible materials, whereas in Europe, they build almost entirely of masonry.

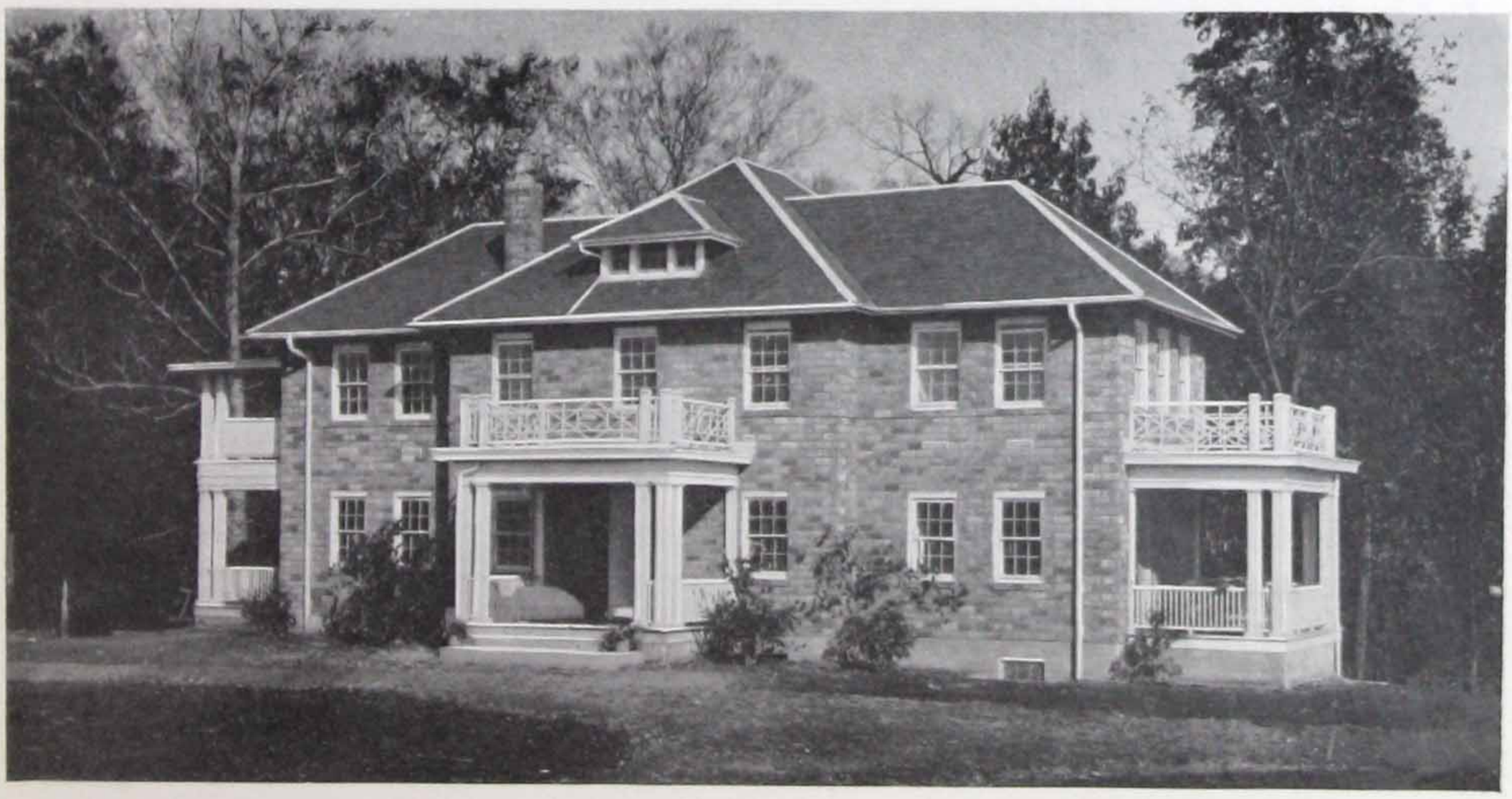
By using NATCO Hollow Tile, you make certain that your walls or foundations will be fire safe, durable, dry and comfortable, free from dampness, painting or repairs, with definite savings in insurance, heating and upkeep.

Your home must be more than a house, if it is to fulfill its mission of making life worth living for every member of your family. As the place where your wife will spend most of her life, it must certainly embody the very best ideas in comfort and convenience, in good taste and refinement, so she can carry on her work cheerfully and contentedly.

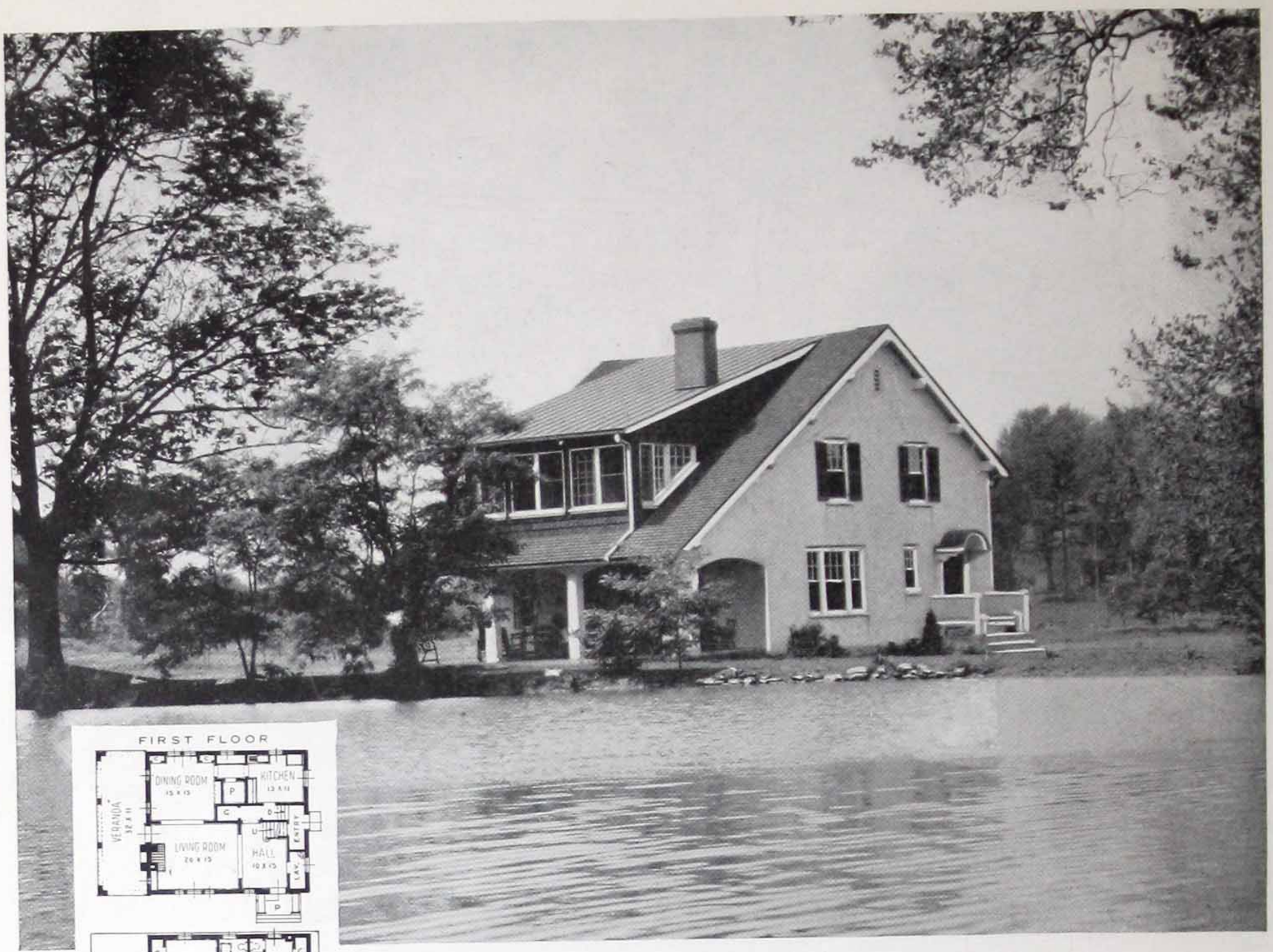
You, yourself, will become more productive, more efficient and more contented with a cozy, comfortable home of your own to go to after the day's work. Resourceful business men already realize this, particularly employers of large numbers of workmen. They find that it pays to build workmen's homes of attractive and varied designs, placed in proper surroundings, convenient in arrangement, low in upkeep cost, and, above all else, of permanent, fire-safe construction. Among the first questions asked an applicant by many employers is "Do you own your own home?" They cannot be blamed for giving the home owner the preference.

Every building material entering into your home should be fitted to its function. Wood has been used more than any other material in this country for house building—in fact, it has been used too much. Wood has become scarce and expensive today. In addition—with wood, there is a constant fire risk and expense for painting and repairs. To offset these difficulties, new and more economical methods and materials are becoming more and more practical. The greater demand for these better methods and materials in the building of more satisfactory, moderate priced homes has, in consequence, resulted in a much greater use of Natco Hollow Tile by home builders all over the country, during the past few years.

With Natco Hollow Tile, you can build a home that will embody all your ideals down to the smallest detail at a reasonable cost. The large size units are comparatively light and can be economically and quickly laid. The finished walls resist fire, save fuel, are permanent and do not require repairs or replacements. The enclosed air cells in the tile form perfect insulation against excessive heat as well as against cold and dampness. None of the elements can possibly penetrate through Natco walls.



In this building at Wilberforce, Ohio, Natco Double Shell Tile, with its beautiful gradations in tone and texture, proved extremely satisfactory.



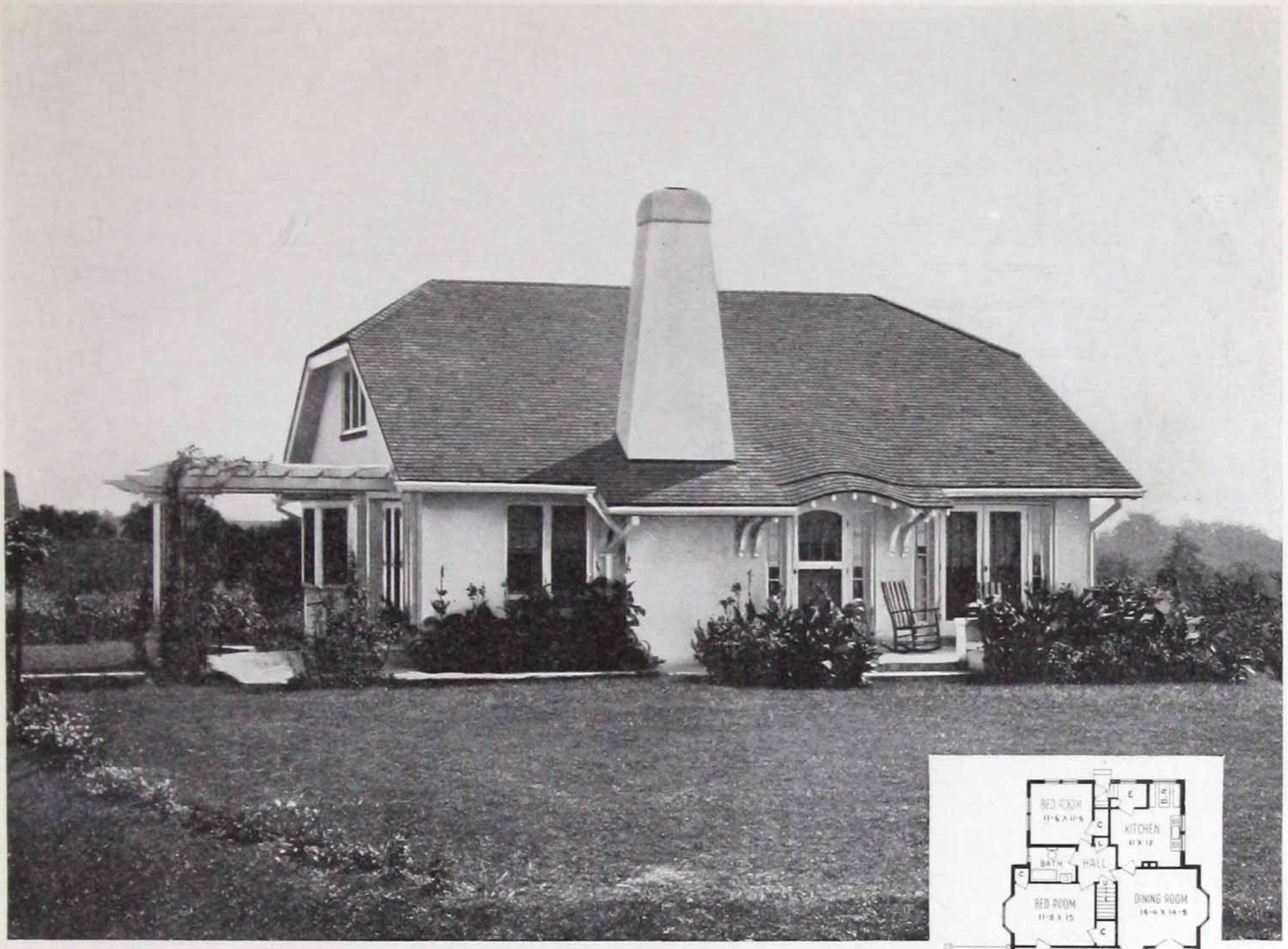
A home at Yardley, Pa., which illustrates how well stucco on Natco Hollow Tile blends in with the natural beauty of its surroundings. C. E. Schermerhorn, Architect, Philadelphia, Pa.

Build for Safety, Permanence, Economy and Contentment

EXTERIOR load bearing walls, intended primarily to keep out the weather and help support the floors and roof of a home should always be constructed of Natco Hollow Tile. Interior walls, as well as floors, are, in a great many cases, also constructed of this material.

Wood is not an ideal material for the walls of a home. Shingles, clapboards, and siding are attractive, but to prevent decay and preserve their beauty, they must constantly be painted. In a home surrounded by frame walls, you are constantly jeopardizing the lives of your family in exposing them to a needless fire risk. The covering of paint makes them the more readily attacked by flames. In addition you pay more every year for fuel, with a continually increasing expenditure annually for repairs and upkeep, for a home, which is not only unsafe, but constantly diminishing in value. When considering a frame house, you should, therefore, carefully determine whether you should assume this burden of repairs, coal bills, depreciation, risk and worry for all the years to come, when at a less cost during all that time you can rid yourself of this burden by using Natco Hollow Tile.

Solid masonry walls of stone or other materials, while attractive, are fast giving way to more suitable and economical materials. They rarely become dry in the center and buildings having such walls are usually damp when artificial heat has been withdrawn.



A beautiful and substantial home of Natco Hollow Tile on the Kittanning Pike, Sharpsburg, Pa., which has been designed for both convenience and economy. George A. Seavey, owner.

BRICK, in common with all fired-clay products, are fire-safe in the highest degree. They are easily obtained in most localities. At the same time, a home with solid brick walls is not damp-proof, unless a special furring of hollow tile or other material is used on the inside to keep moisture from penetrating through the walls, wetting the plaster and destroying the paper, fresco, tapestries or other wall covering.

A veneer of brick over a wood frame backing is not a good combination. The rough unseasoned lumber used for the frame is extremely inflammable and contracts more than the brick. This is liable in a few years to give damaging results. As the brick is but one thickness, it is hard to fasten it securely to the wood frame to prevent its cracking.

The use of stucco as a covering for Natco Hollow Tile has many compelling advantages. Considered from a beauty standpoint, it is admirable in every way. With it, a limitless variety of colors and textures of finish can be obtained. Its durability is unquestioned when properly applied, for stucco has been used for many years.

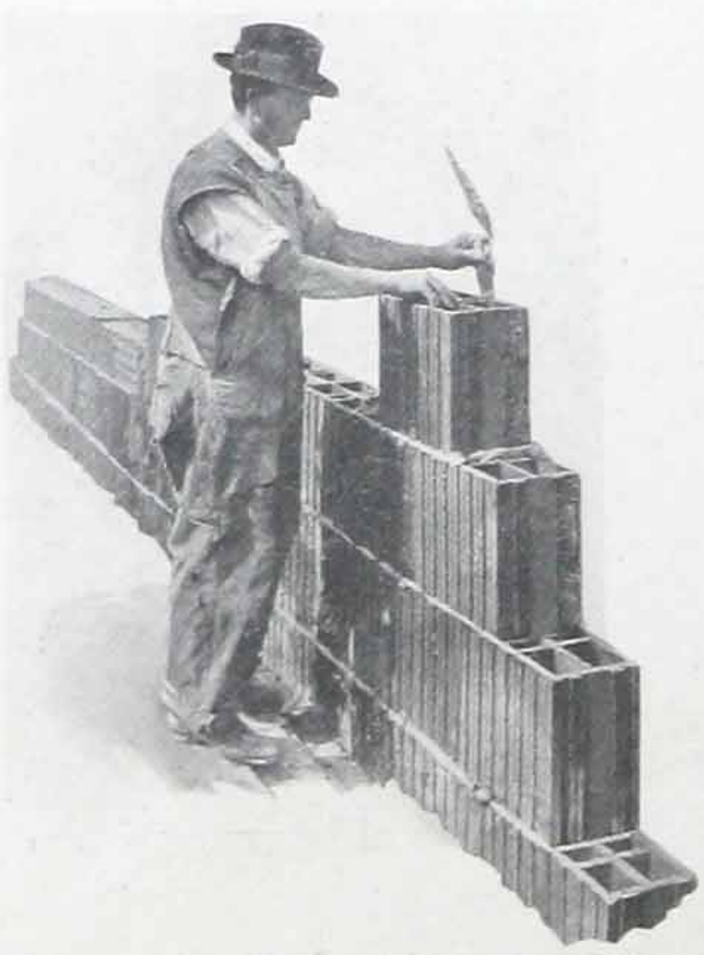
It is only when stucco is spread on lath, either metal or wooden, nailed to wooden studding, that it has given unsatisfactory service. Here a face of apparent solidity and indestructibility is presented, which is in reality the flimsiest of shams. It is neither permanent nor fire-safe—neither does it stand up under years of service. The only stucco finish worth a moment's thought is stucco on a masonry base—preferably Natco Hollow Tile—with its deep dove-tailed scorings firmly gripping the stucco.

FIRST FLOOR SECOND FLOOR

This cozy Natco suburban home at Aspinwall, Pa., with a white stucco finish seems ideal in this setting of green trees and lawn. Contractor, W. M. May, Aspinwall, Pa.

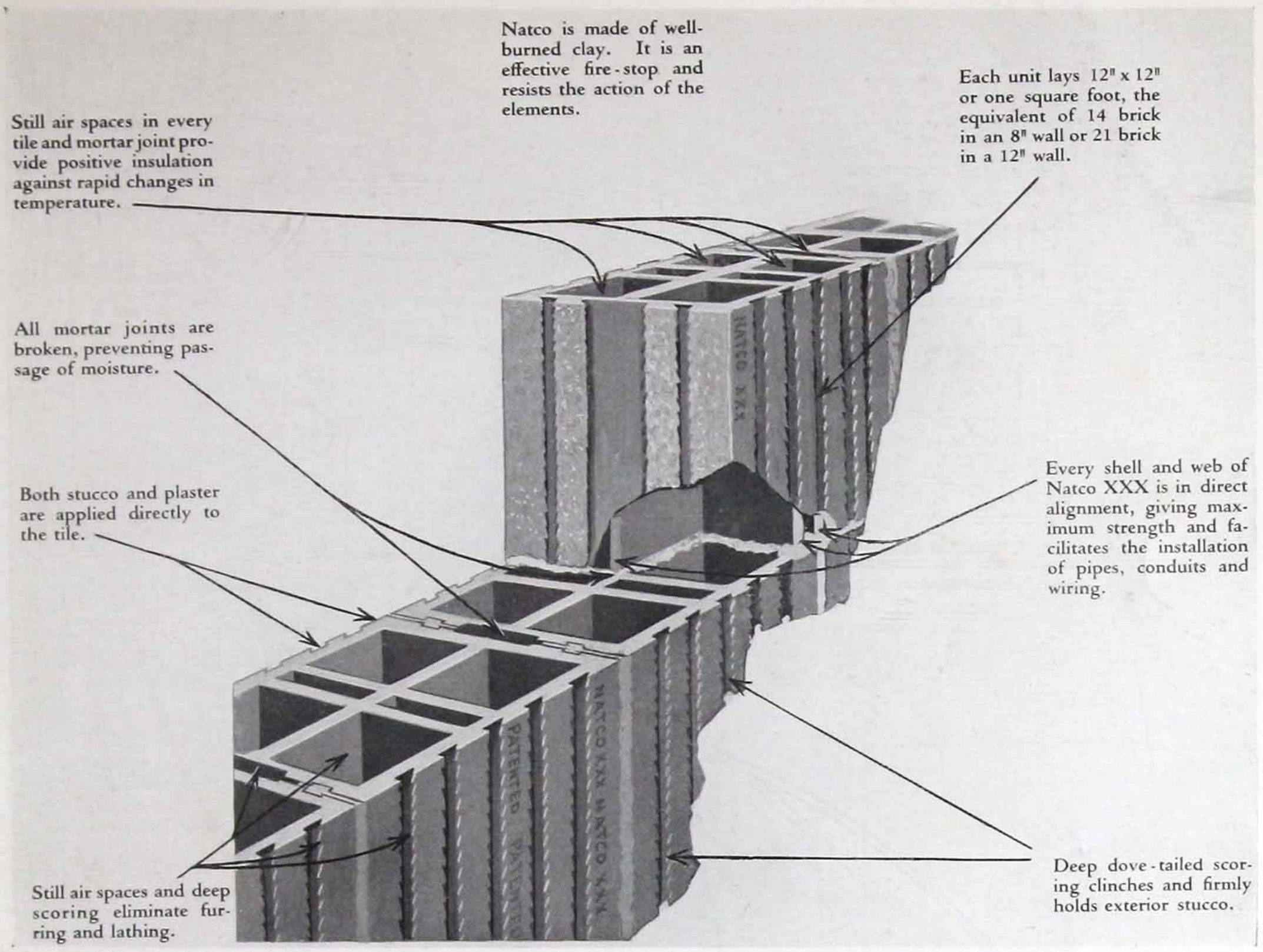
BY using Natco XXX Load-Bearing Tile as a base, you make certain that your stucco will withstand the greatest extremes of temperature and moisture without deterioration. Used in this way, good stucco is as true a type of permanent construction as can be found.

Natco XXX Load-Bearing Tile is made out of the same material that gives to sky-scrapers really fire-safe construction. It is not finished on the outer surface, but bears on all four sides a surface deeply dove-tailed scored. The stucco finish in any of the various finishes is applied directly to the outer wall surface, while ordinary plaster is applied directly to the inside tile wall, no furring being required. The deep dove-tailed scoring grips the stucco and plaster firmly so that there is no shrinking, warping, cracking, checking, rusting, sagging or scaling.



Natco XXX Load Bearing Tile is laid quickly and economically.

Natco XXX Load Bearing Tile is heavier in weight than ordinary hollow tile. The extra cross web in the center along with the thicker web and shell give it enormous strength. In an endurance test, a standard 8″x12″x12″ Natco XXX Load Bearing Tile withstood a pressure of 237,500 lbs. before it was finally crushed. In other words, *one* Natco Hollow Tile supported a weight decidedly greater than that of an ordinary bungalow.



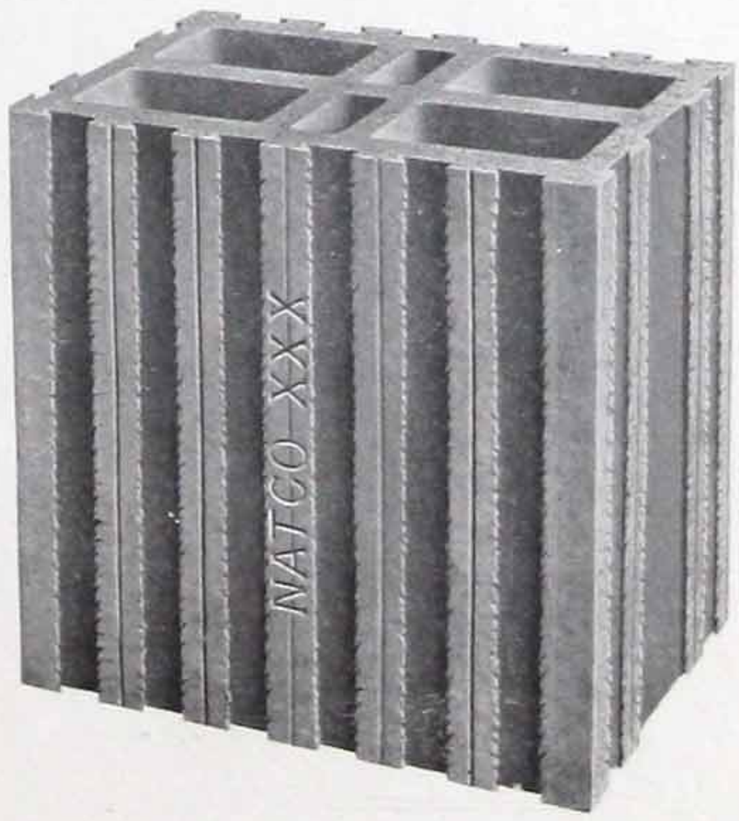
View of section of Natco XXX Load Bearing Tile Wall, showing its superior advantages as a base for stucco and interior plaster in residence and garage construction.

NATCO XXX Load-Bearing Tile is made of well-burned clay. It effectively resists fire and the action of the wind and weather. Due to the hollow air spaces, a unit of Natco XXX Load-Bearing Tile is comparatively light in weight and easily handled and laid. It lays 12″ x 12″ or one square foot and is the equivalent of 14 bricks in an ordinary 8″ wall. The 8″ wall is ordinarily used in residence construction. If a thicker wall is desired, 10″ or 12″ can be used for the first story, and 8″ for the upper stories.

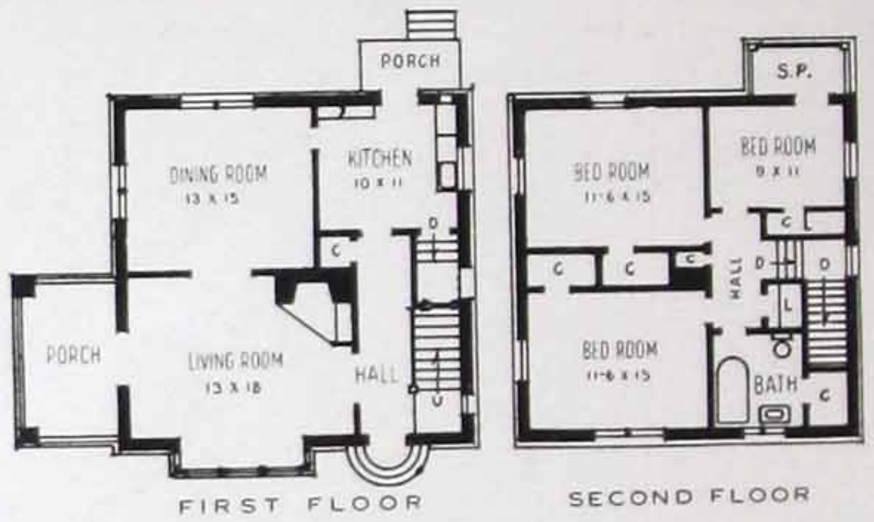
The cost of Natco Hollow Tile construction varies in comparison to all frame construction from the same price up to 5% or 10% in excess. In comparison with solid brick construction, Natco Hollow Tile rules on the average from 5% to 10% lower.

Natco XXX Load-Bearing Tile is an exclusive design. All webs and shells are in direct alignment when laid giving greatest strength. All mortar joints are broken, preventing passage of moisture. The enclosed still air spaces in every tile and mortar joint also provide positive insulation against rapid changes in temperature.

A home of Natco XXX Load-Bearing Tile stays beautiful for generations to come.



Natco XXX Load Bearing Tile. Note moisture stop and dove-tailed scoring.



FIRST FLOOR SECOND FLOOR

There is an air of old-fashioned simplicity about this house which makes it particularly suitable for Natco Hollow Tile construction. Richard H. Marr, Detroit, Michigan, Architect.

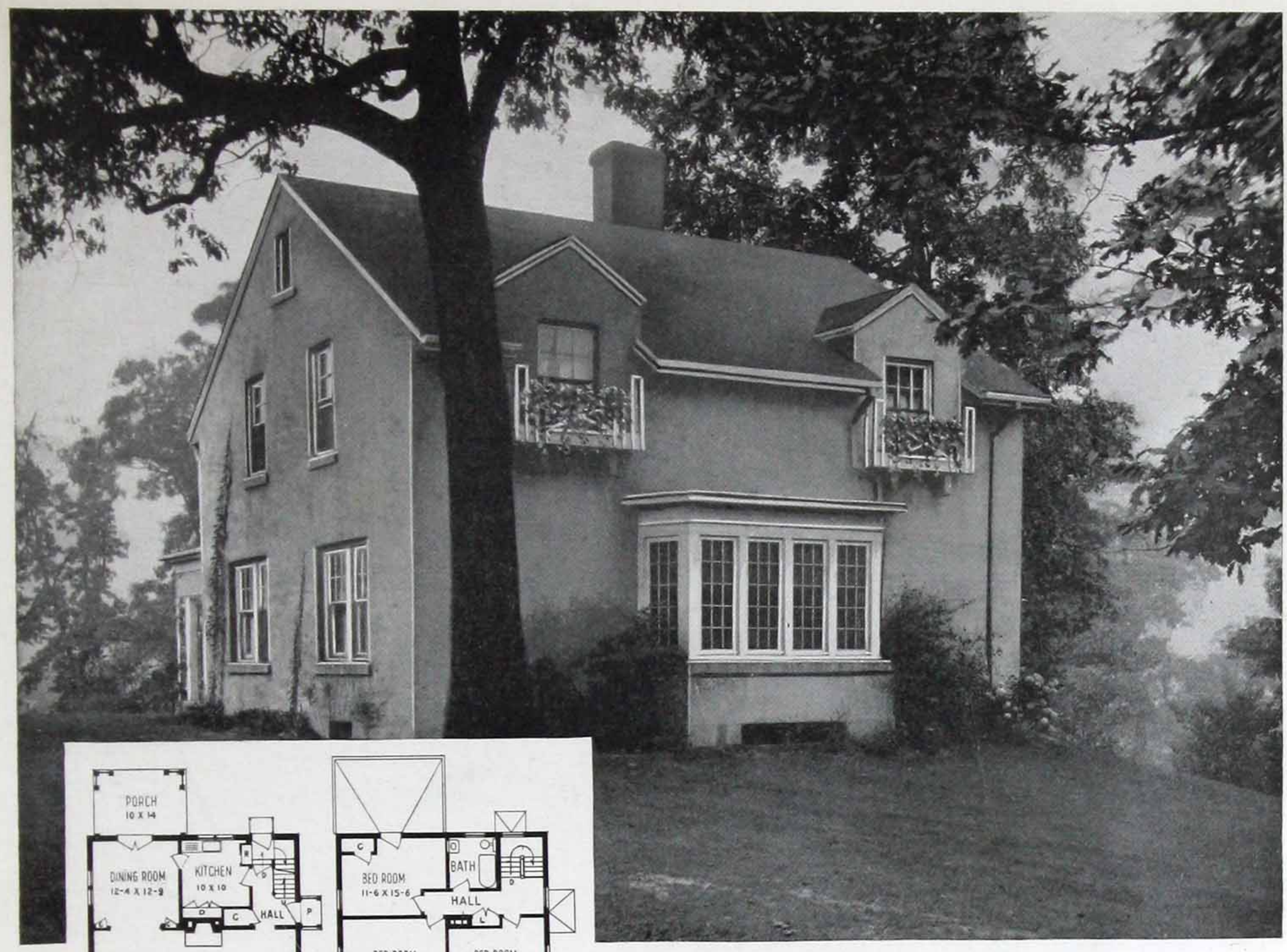
Stucco is Truly Permanently Attractive When Applied to Natco Hollow Tile

STUCCO applied to Natco XXX Load-Bearing Tile has durability as well as beauty. After being mixed to a plaster mass, it is applied, while soft, to the exterior tile wall surface in several layers, usually three in number. These layers or coats bond to each other perfectly, as well as to the tile wall, and form a solid sheet of stucco over the entire surface. The stucco is held so securely by the deep dove-tailed scorings in the tile that it can only be removed by breaking off the outer shell of the tile itself.

Immediately after applying the stucco, it commences to set and in a few days becomes a hard rock-like mass, durable and permanent, fire-safe and unaffected by the atmosphere or changes in temperature.

You will find excellent examples of stucco applied to Natco Hollow Tile in this way in both the extreme cold and warm climates. You will also find stucco applied to Natco Hollow Tile standing up under extreme moist and dry atmospheric conditions. Many are illustrated in this book. These homes improve with age. Every year they blend more perfectly with their surroundings and become more home-like and inviting.

Architects and engineers recognize this, and for that reason, advocate and specify stucco applied to Natco Hollow Tile, not only for their clients', but for their own occupancy as well. In every way, it should commend itself to you as the one safe, satisfactory and economical form of construction for your home.



FIRST FLOOR

SECOND FLOOR

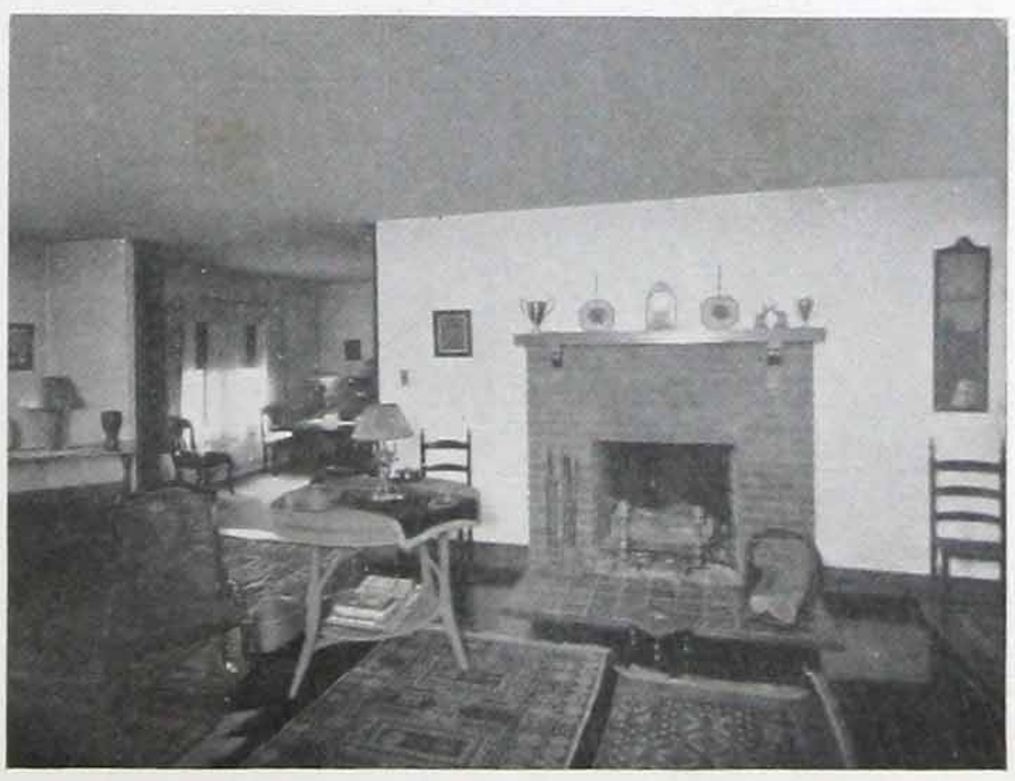
A Natco Home built along simple, dignified and economical lines at Aspinwall, Pa., with good, large rooms, well arranged, all well lighted, with plenty of closet space. E. V. Walker, Architect and Owner, Aspinwall, Pa.

WITH stucco, you have an opportunity to carry out color composition. Colors of any desired tint or shade may be obtained by the use of mineral coloring pigments. Patent Magnesite Stuccos are manufactured in a great variety of colors also.

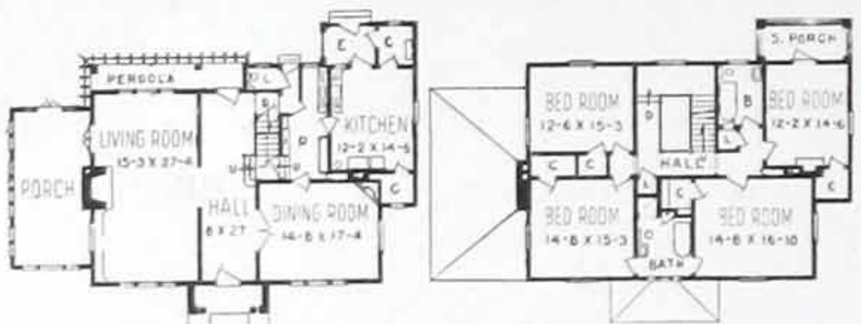
Aggregate stucco is usually made with colored pebbles or stone chips. The pebbles or chips are either thrown onto the finish coat of stucco or are mixed with the finish and exposed afterwards by scrubbing or acids.

There is no limit to the number and variety of stucco finishes which you can have. The most commonly known are stippled, sand floated, sand sprayed, rough cast or spatter dash, pebbled dash and exposed aggregate.

General view of living room and bay.



Looking into dining room from living room.



A beautiful Natco Home at Glenn Ridge, N. J. Frank Goodwillie, New York City, Architect. Note the charming contrast stucco makes with the brick trim.

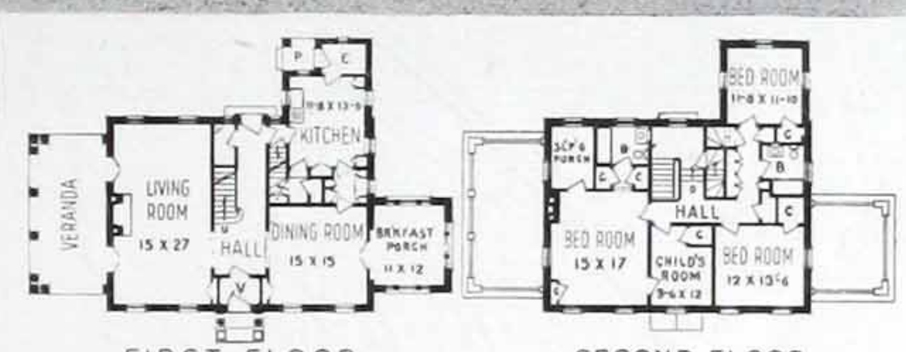
Backed with Natco Header Backer Tile, Brick Walls Really do Resist Cold, Heat and Moisture

NATCO Header Backer Tile, as manufactured by the National Fire Proofing Company, is the most satisfactory material that can be used for the backing up of brick, stone, and other materials. It is highly recommended by architects as a very thoroughly bonded, substantial and permanent masonry wall. It has also been approved by the National Fire Protection Association.

There are two units used in Natco Header Backer construction—Natco Backer Tile and Natco Header Tile. The Natco Backer Tile is cut to convenient lengths to allow the brick work or other facing to be bonded into the Natco Header Tile with full header bond at any number of courses desired. It is possible to work to any bond without cutting or use of slabs. Any thickness of mortar joint can be used. When bonded in this way, full bearing value for the entire thickness of the wall is allowed. When brick or stone are attached to wood frame work, or other backing, with metal ties or similar connections, the backing *only* can be considered as load bearing.

Walls of Natco Header Backer Tile, faced with brick or other materials, are warmer and dryer than solid masonry walls which rarely become thoroughly dry. There are no through mortar joints, where cold, heat and moisture can penetrate. The interior tile surface is deeply dove-tailed scored, and forms an ideal base for plastering.

A striking example of Natco Header Backer Tile with brick exterior is illustrated in this beautiful Colonial home of F. N. Sprole, Cranford, N. J. Harold E. Paddon, New York, Architect.



FIRST FLOOR SECOND FLOOR

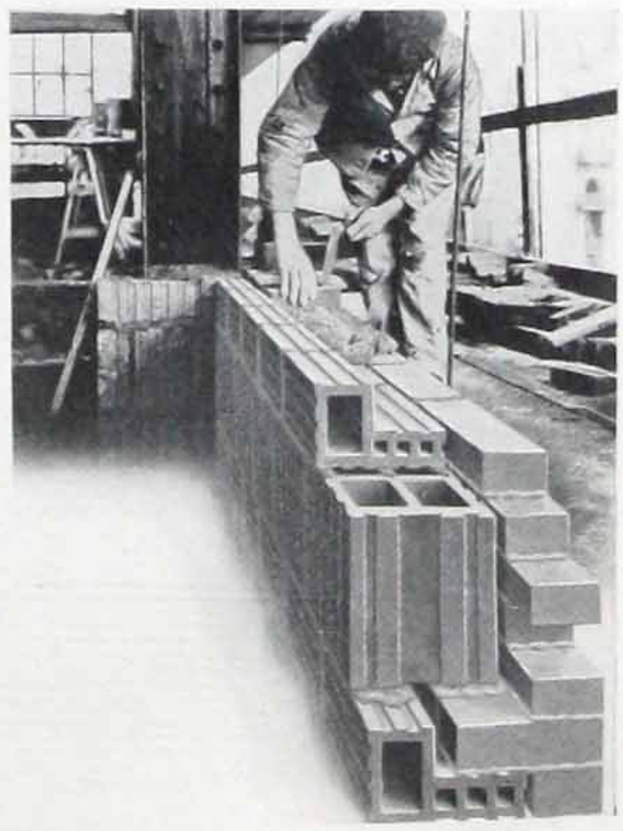
BY using Natco Header Backer Tile, you eliminate one-third the weight and save at least one-third the mortar ordinarily required for walls of solid masonry. You not only cut down materially the number of workmen needed, but also the time of erection.

Contrasted with brick veneer over wood frame-work backing, the advantages of a thoroughly bonded, light, and substantial wall of brick and Natco Header Backer Tile are readily seen. A wall of Natco Header Backer construction resists fire, cold, heat and moisture and is not subject to expansion or contraction, cracking or settling.

All the varied and attractive combinations effected in brick exteriors are at your disposal. You can use smooth or textured brick, wide assortment of colors, varied shapes and sizes for pattern work or panels, and any variety, size and color of mortar joints with this construction.

Natco Header Backer construction is very highly recommended by architects and stone manufacturers, themselves, as a backing for limestone and other stone facing.

Send us plans or sketches of the home you propose to build. Have us tell you how you can profitably use Natco Header Backer Tile.



Natco Header Backer construction, showing how the brick is bonded into the tile wall.

A moderate priced, fire-safe, durable bungalow of Natco Double Shell Glazed Tex-Tile at Riverside, Illinois. Henry Boss, Cicero, Illinois, Architect.

Homes of Natco Double Shell Tile are Dry, Comfortable, Fire-safe, Economical and Permanently Beautiful

BEFORE the introduction of Natco Double Shell Tile, the only general alternative to stucco was brick veneer. In Natco Double Shell Tile, you have all the structural and artistic advantages of brick, with added air spaces to check moisture and heat. It is economical in initial cost and maintenance. It adapts itself to any distinctive architectural or decorative treatment. The many beautiful walls constructed of this material in residences all over the country attest this.

Natco Double Shell Glazed Tex-Tile. Showing outside face 12" x 5" texture finish; inside surface, dove-tailed scored.

Walls of Natco Double Shell Tile are quickly and easily erected, fire-safe, dry and comfortable, require no paint, stucco or repairs, withstand a far greater weight than will ever be put upon them and have only one cost—first cost. This first cost is lower than any other form of masonry construction. In the long run, it is lower than less safe and less durable frame construction, where the small savings in first cost are more than offset in a few years by excessive insurance, fuel, painting, repair and other upkeep charges.

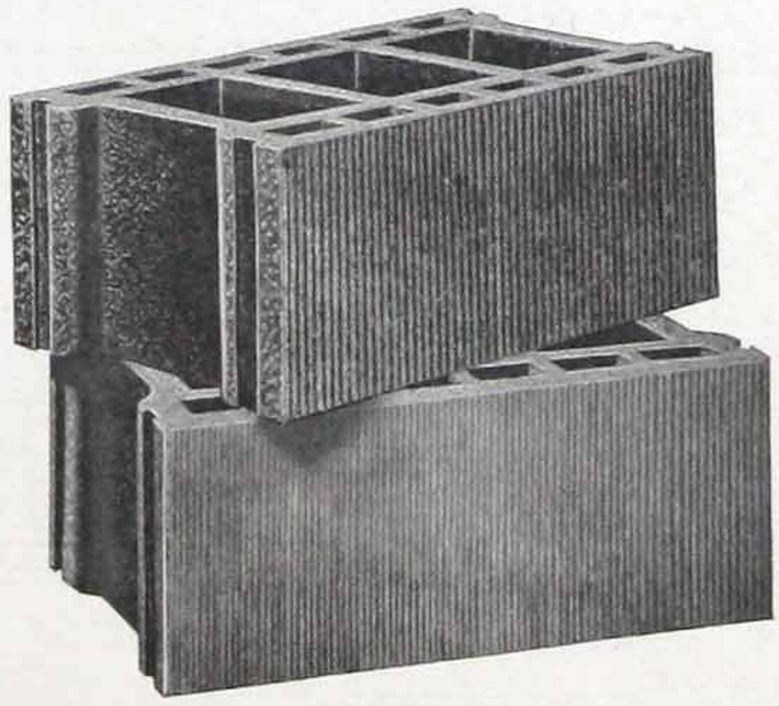
Residence of Natco Double Shell Glazed Tex-Tile at Berwyn, Illinois, which is comfortable, attractive and reasonable in first cost. Otto Kube, Contractor.

HALF the pleasure in a home lies in its exterior attractiveness and harmony of design. A home of Natco Double Shell Tile announces itself at first glance and expresses the idea of cheer and hospitality.

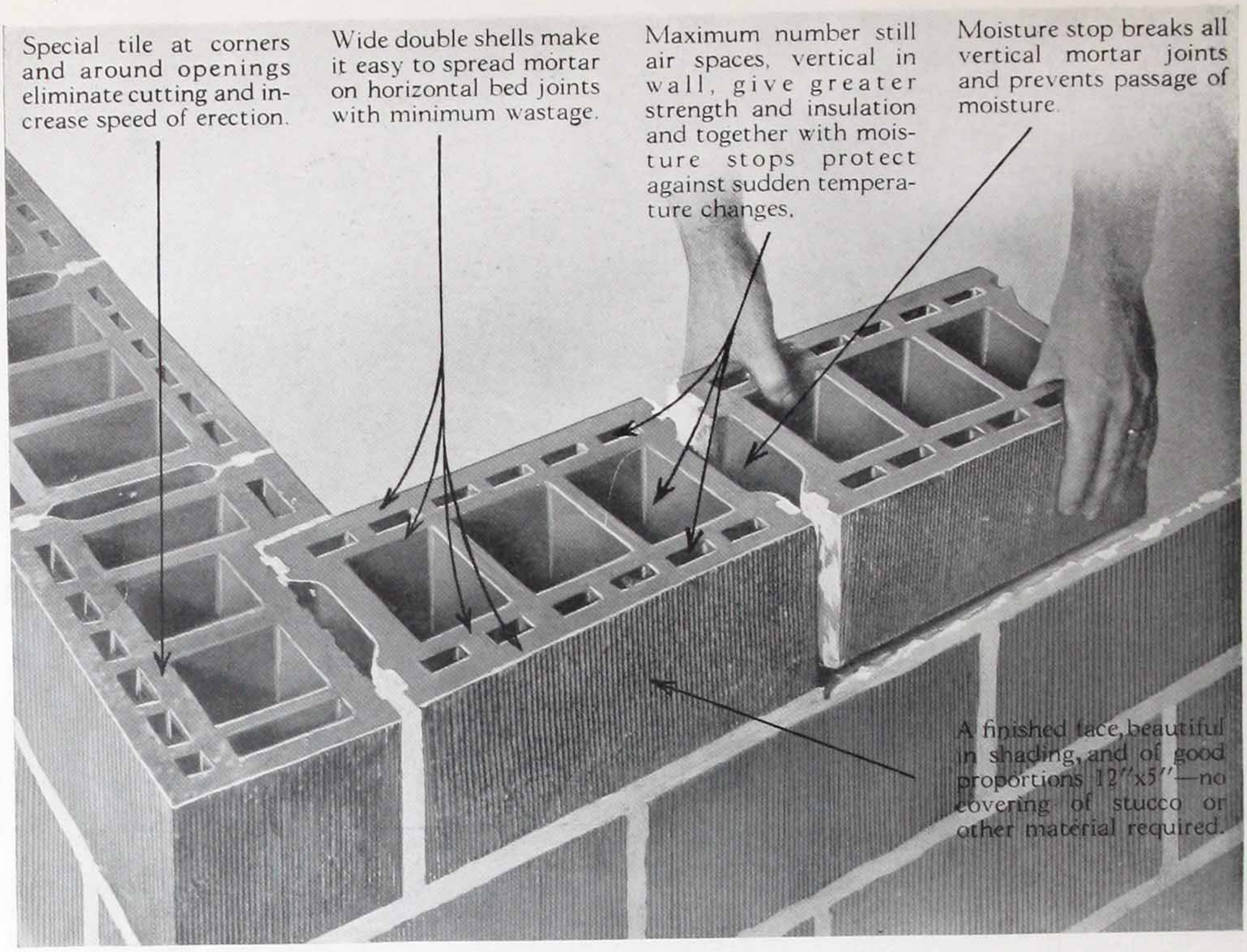
Natco Double Shell Tile combines three important elements—convenient and proportionate size, beautiful texture and variety of color, all equally necessary in a building material from a standpoint of architectural design, appearance and economy. With all this is the assurance that your home will be reasonable in first cost, dry, comfortable, safe and enduring at low maintenance expense.

The standard unit is twelve inches long by five inches high and eight inches thick. Tile of this size is comparatively light and easily handled, yet heavy enough for any type of residence.

The two types used in residence and garage construction are Natco Double Shell Glazed Tex-Tile illustrated on page 14 and Natco Double Shell Unglazed Tile shown on the right. The double shell construction with its moisture stops and wide surface for mortar beds is found in each type, the only difference being in the exterior and interior finish. The unglazed tile is furnished for 6 and 8 inch walls while Natco "Tex-Tile" is supplied for 8 inch walls only.



Natco Double Shell Unglazed Tile. Both inside and outside faces are uniformly combed.



View of corner section of Natco Double Shell Tile showing advantages of double shell construction. These exclusive features are your insurance that your home or garage will be reasonable in first cost, fire-safe, with no chance for heat, cold and moisture to penetrate through the walls.

THE great charm and beauty of a wall of Natco Double Shell Tile is due, in a great measure, to the wide variations in tone and shades of the different units of tile composing it. These colors range from a light buff, through all intermediate shades to a light brown, in Natco Unglazed Double Shell Tile. In Natco Glazed Tex-Tile, the beautiful varied tones of brown ranging from a deep rich brown to dark chocolate, along with the texture of the face itself, resembling, in a great measure, that of high quality tapestry brick, make it possible for you to build a particularly inviting and pleasing home of this material.

The beautiful harmonious tones and texture of Natco Double Shell Tile are greatly emphasized by proper color treatment of the mortar joints. White or light cream color mortar is generally used for Colonial type homes. For other types of homes, a great variety of unfading mortar colors is always available.

In either type, Natco Double Shell Tile contrasts very artistically and effectively with the white, black, cream or other colors of the mortar joints and the trim.

Every possible use of Natco Double Shell Tile has been anticipated in manufacturing. There are sufficient special shapes to meet all requirements, which, in itself, adds much to the ease and speed with which it is laid. It will be an easy matter for you to so space door and window openings to work out to a certain number of tile units, so that it will never be necessary to cut a tile. Natco Double Shell Tile meets all modern ever-changing structural, artistic and economic requirements.

A home of Natco Double Shell Glazed Tex-Tile at Parnassus, Pa., which combines artistic design with well-arranged floor plan. R. J. and E. J. Sinclair, Contractors, New Kensington, Pa.

NATCO Double Shell Tile is set with the enclosed air spaces vertical in the wall. This method of end construction is positively the ultimate in strength and insulating qualities. In actual tests, Natco Double Shell Tile averaged over 1200 pounds compressive strength per square inch of gross wall area. Most building codes allow a working load of 150 pounds per square inch gross wall area. Thus a wall of Natco Double Shell Tile has a safety factor of eight, much greater than will ever be required.

These vertical, enclosed still air spaces, by providing effective insulation against moisture, heat and cold, allow the interior plaster to be applied directly to the interior surface of the tile. Because of its finished exterior surface a section of completed wall is put in place with every tile laid, thus effecting a material saving in labor.

You will find beauty, durability, resistance to fire and decay, reasonable first cost, low upkeep and low heating cost, combined in Natco Double Shell Tile to a remarkable degree. Your *initial* cost is also your *final* cost. It enables you to sell, rent or mortgage and get the best possible returns from your investment.

Send us your plans or rough sketches of the home you intend to build. Let us estimate for you the cost of the Natco Double Shell Tile you will need. Why not make your home one that will be warm in winter and cool in summer, as well as artistic, well built and a source of pride to you for all the years to come.

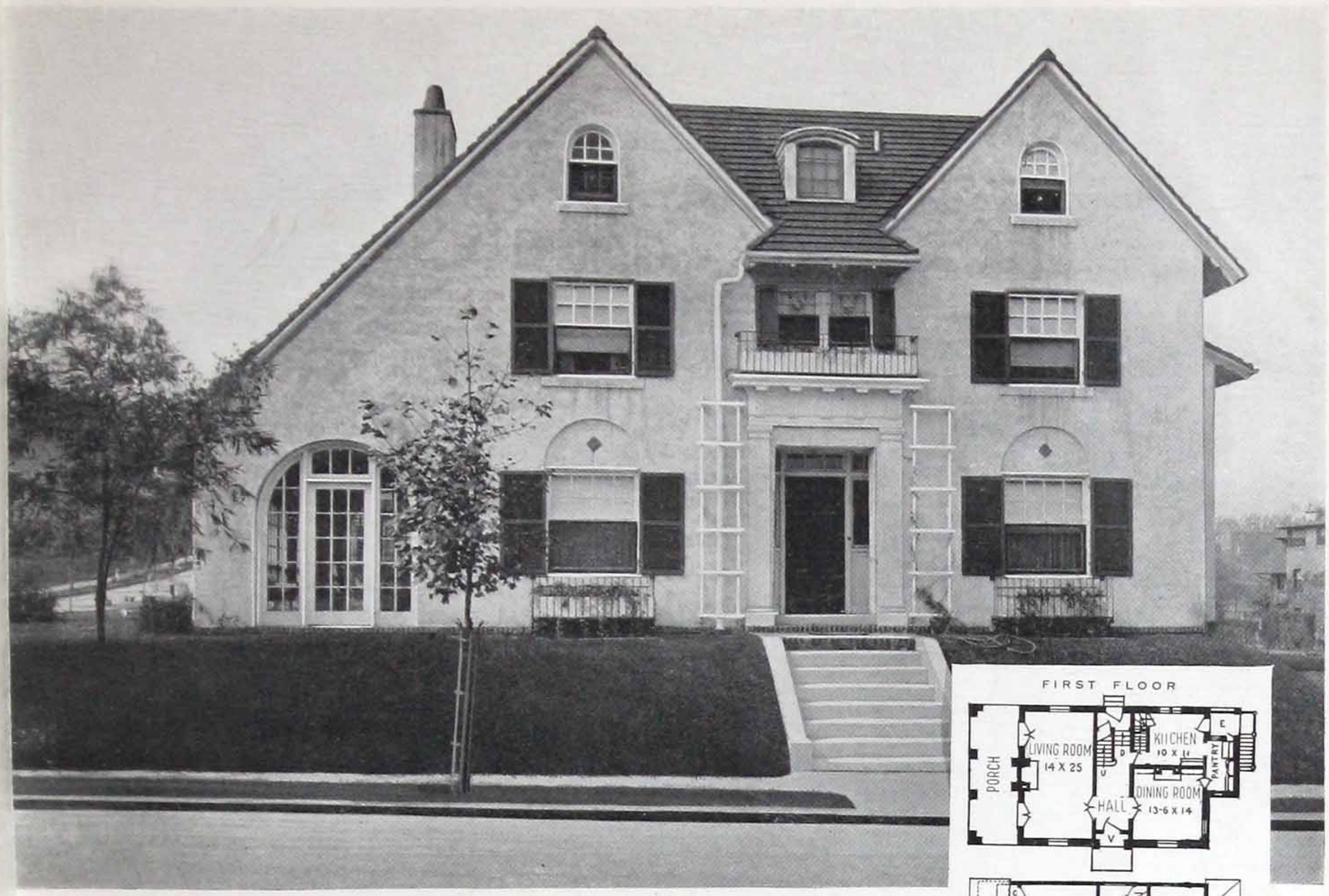
In this pleasing bungalow type home at Clarendon, Va., the Natco Double Shell Glazed Tex-Tile makes a very charming contrast with the stucco.

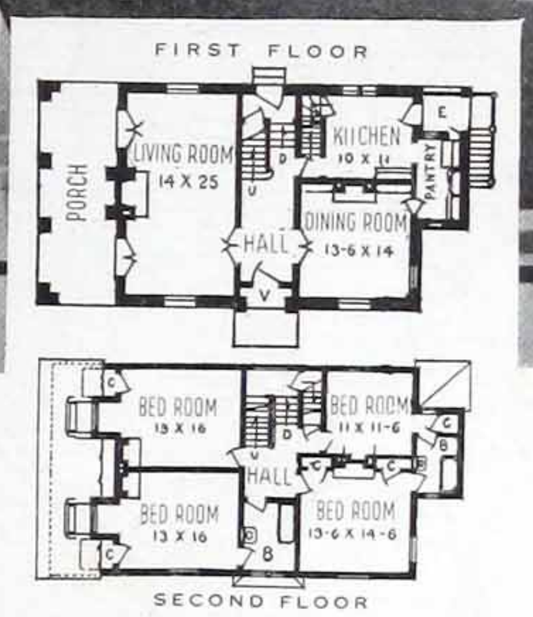
A Home of Natco Hollow Tile is the Safest and Most Profitable Investment You Can Make

THAT the only real home is the owned home is self-evident. That you can build such a home with a greater degree of economy and lasting satisfaction with Natco Hollow Tile should also be readily apparent. There is a particular kind of Natco Hollow Tile especially suited for any type of home you propose to build, no matter how simple or elaborate. This book shows only a few of the many types of attractive and substantial Natco homes which are giving satisfactory service.

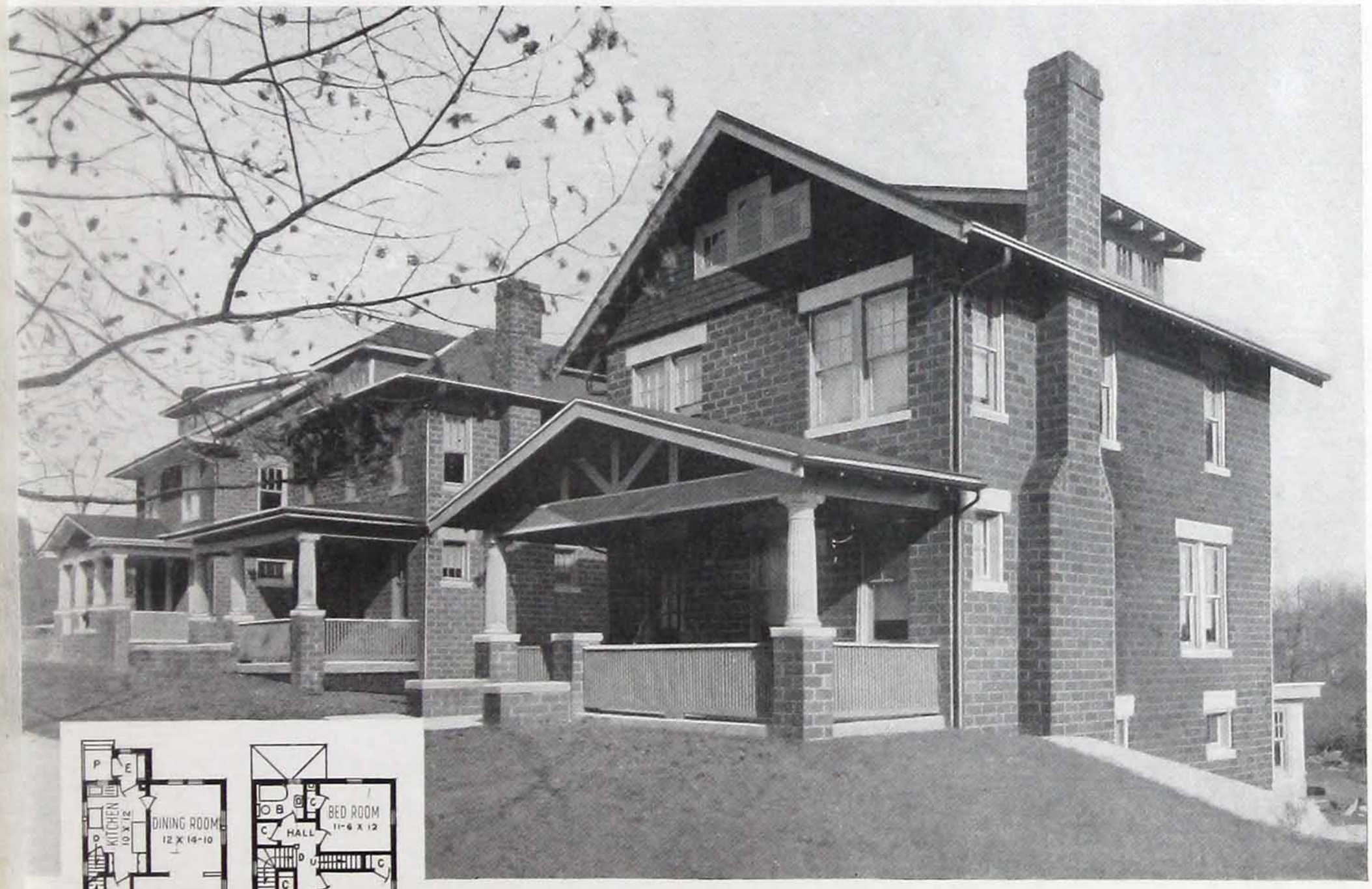
Leading architects recognize Natco Hollow Tile as the best possible material on which to apply stucco so that it will not shrink, warp, crack, check, rust, sag or scale. Its certain distinct advantages as a backing for brick makes it preferable over wood framework or solid masonry. In selecting a tile with a finished face, you have a choice of Natco Tex-Tile or Natco Unglazed Double Shell Tile, either of which will give you a beautiful and permanent home.

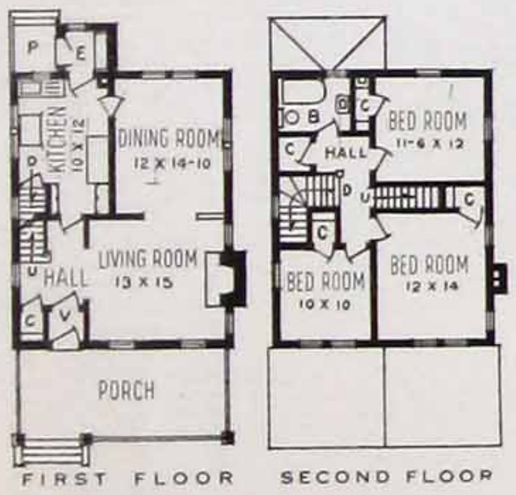
The economy of a home of Natco Hollow Tile is due, not only to its low upkeep, but also to its low cost of operation. Owing to the dead-air spaces between the outer and inner surfaces of the wall, a house built of Natco Hollow Tile is estimated by the best heating engineers to be heated to 70 degrees Fahrenheit in zero weather with 10 per cent less coal than the same house of different material. It will save ice during the summer. It will not depreciate. As a matter of fact, age only adds to its beauty.





A Natco home in Pittsburgh where the stucco finish has resulted in a beautiful, lasting exterior with every advantage of hollow tile construction. Harry S. Bair, Pittsburgh, Pa., Architect.





A group of typical houses of Natco Double Shell Tex-Tile at Washington, D. C. Houses of this type are especially adapted for narrow city lots. J. A. Conner Company, Washington, D. C., Builders.

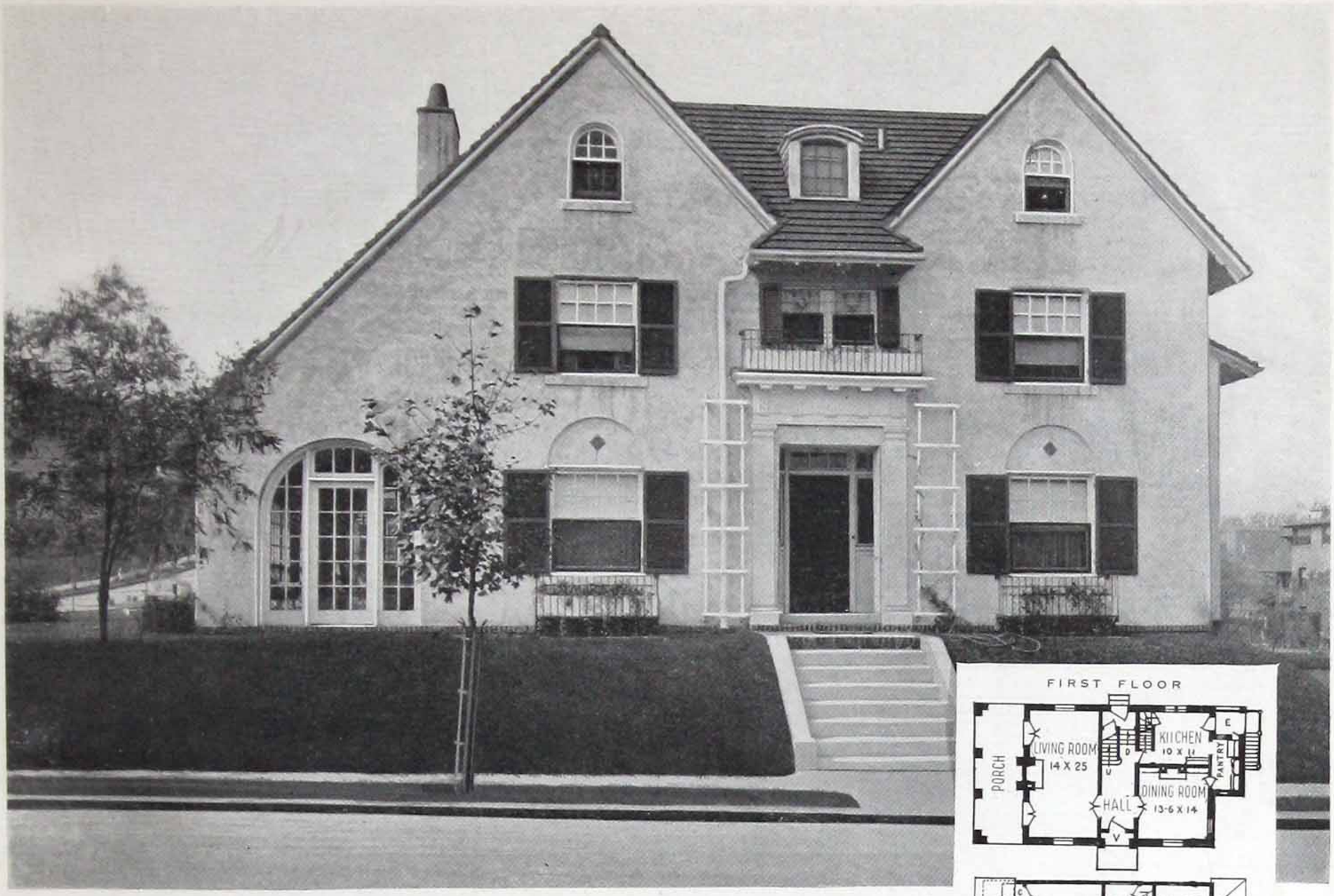
In this pleasing bungalow type home at Clarendon, Va., the Natco Double Shell Glazed Tex-Tile makes a very charming contrast with the stucco.

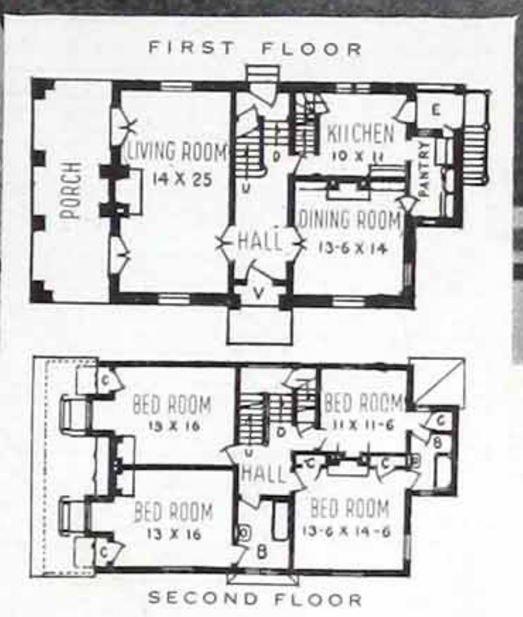
A Home of Natco Hollow Tile is the Safest and Most Profitable Investment You Can Make

THAT the only real home is the owned home is self-evident. That you can build such a home with a greater degree of economy and lasting satisfaction with Natco Hollow Tile should also be readily parent. There is a particular kind of Natco Hollow Tile especially ited for any type of home you propose to build, no matter how simple elaborate. This book shows only a few of the many types of attractive d substantial Natco homes which are giving satisfactory service.

Leading architects recognize Natco Hollow Tile as the best possible aterial on which to apply stucco so that it will not shrink, warp, crack, eck, rust, sag or scale. Its certain distinct advantages as a backing for ick makes it preferable over wood framework or solid masonry. In se- cting a tile with a finished face, you have a choice of Natco Tex-Tile or atco Unglazed Double Shell Tile, either of which will give you a beautiful d permanent home.

The economy of a home of Natco Hollow Tile is due, not only to its w upkeep, but also to its low cost of operation. Owing to the dead-air paces between the outer and inner surfaces of the wall, a house built of atco Hollow Tile is estimated by the best heating engineers to be heated 70 degrees Fahrenheit in zero weather with 10 per cent less coal than ne same house of different material. It will save ice during the summer. will not depreciate. As a matter of fact, age only adds to its beauty.





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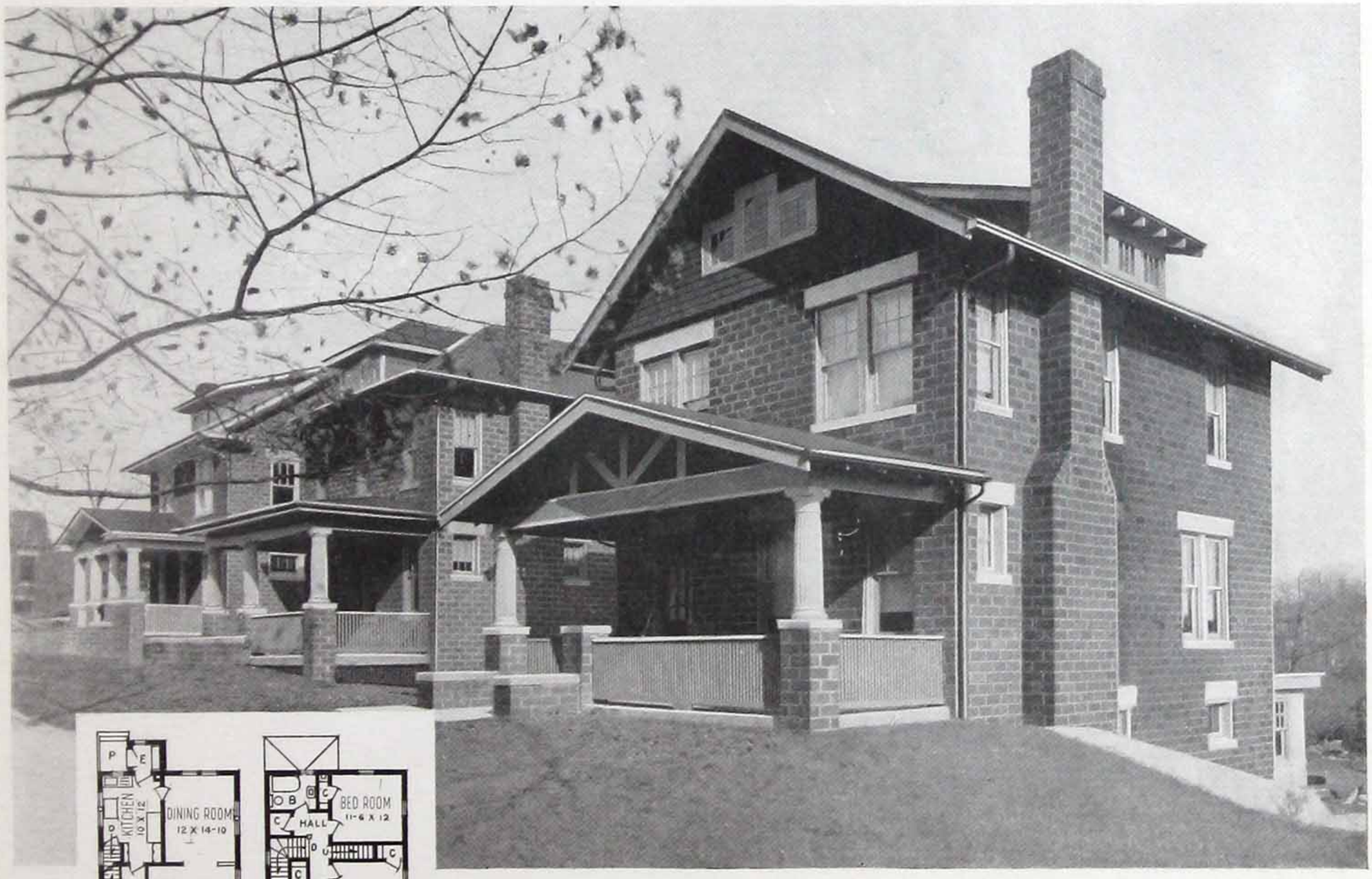
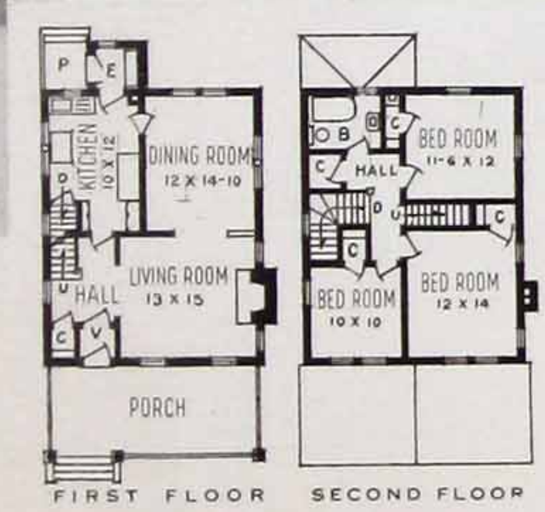
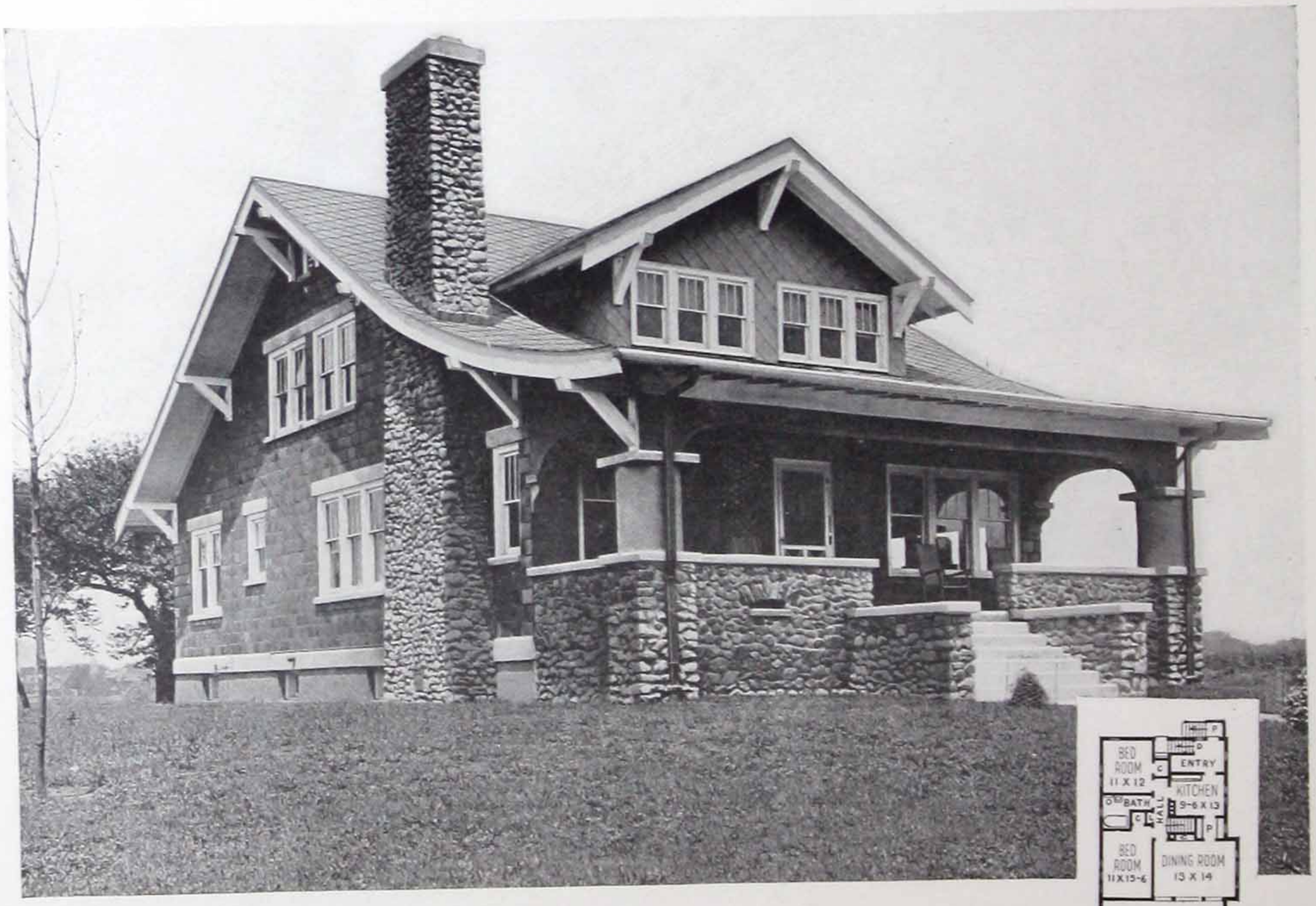


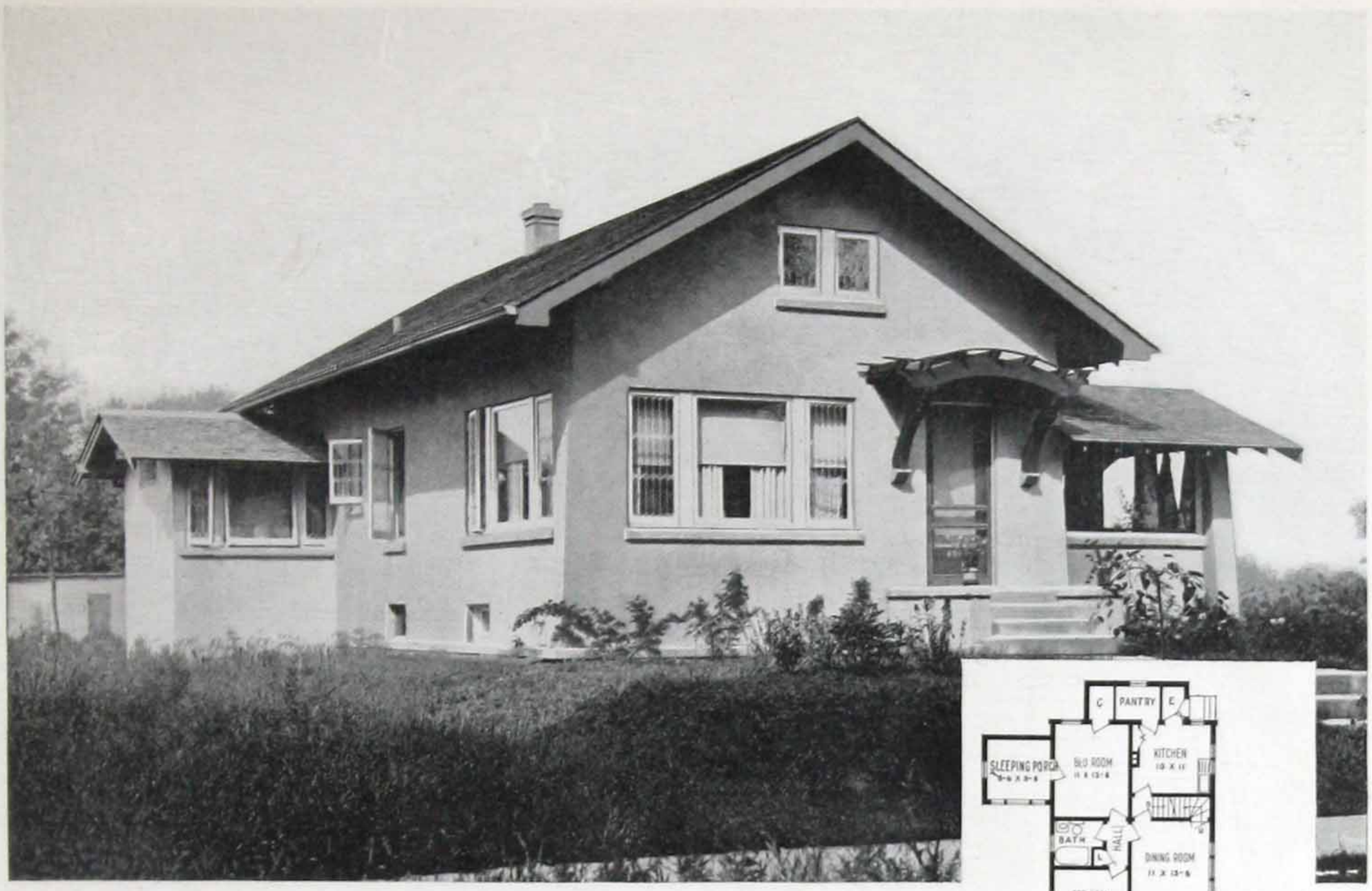


A group of typical houses of Natco Double Shell Tex-Tile at Washington, D. C. Houses of this type are especially adapted for narrow city lots. J. A. Conner Company, Washington, D. C., Builders.

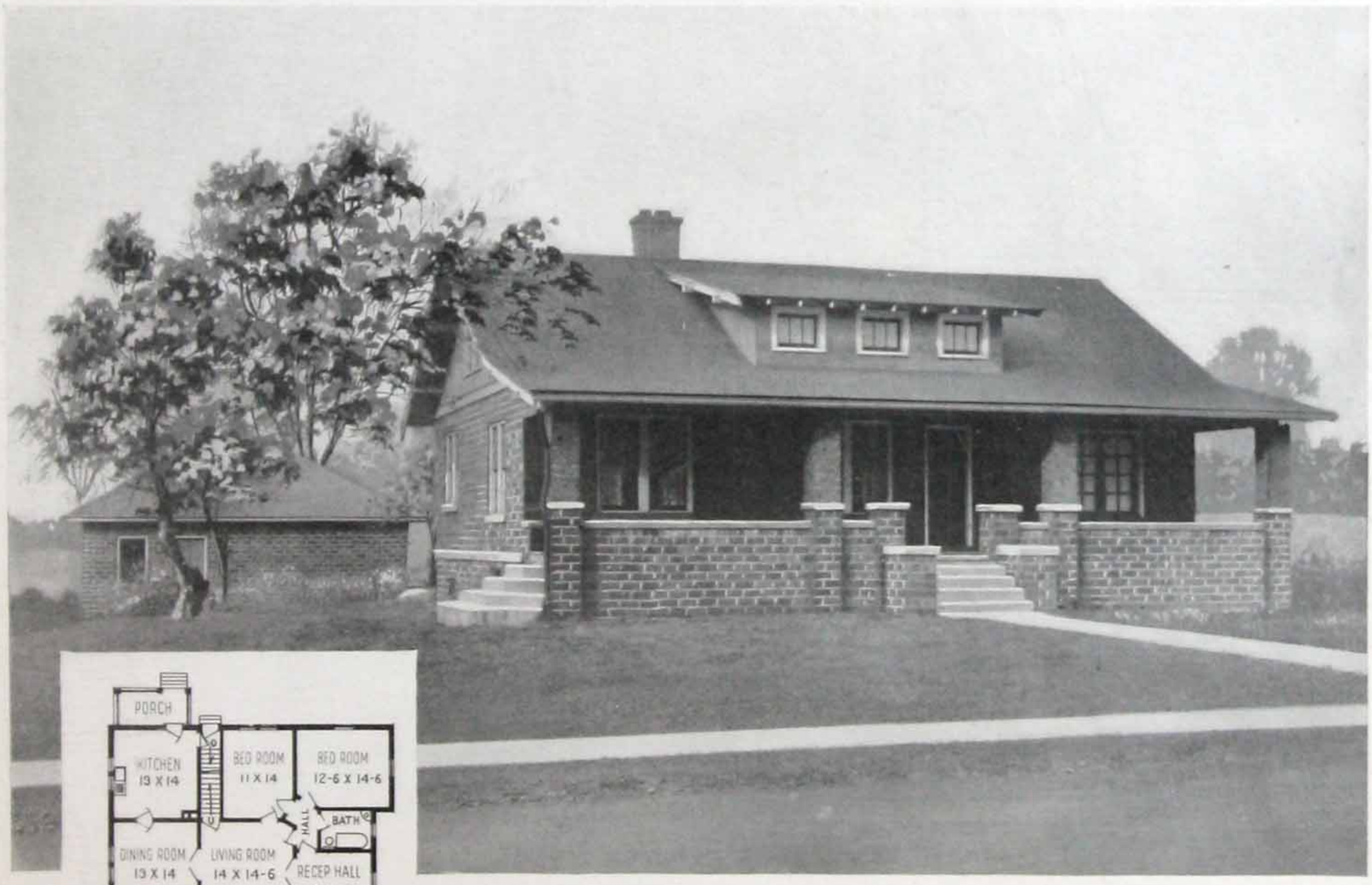
A cozy, comfortable and attractive southern home of Natco Double Shell Glazed Tex-Tile at Buechel, Kentucky. Hoffman Building Company, Contractors.

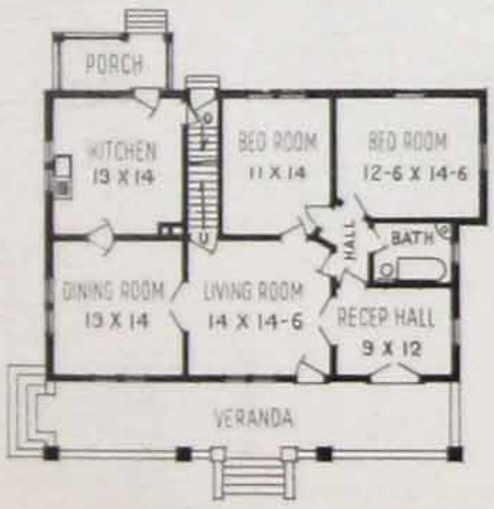


This charming and picturesque bungalow of Natco Double Shell Glazed Tex-Tile with stone trim combines beauty and utility and is eminently suited to a country or suburban location. Jud Yoho, Seattle, Washington, Architect.

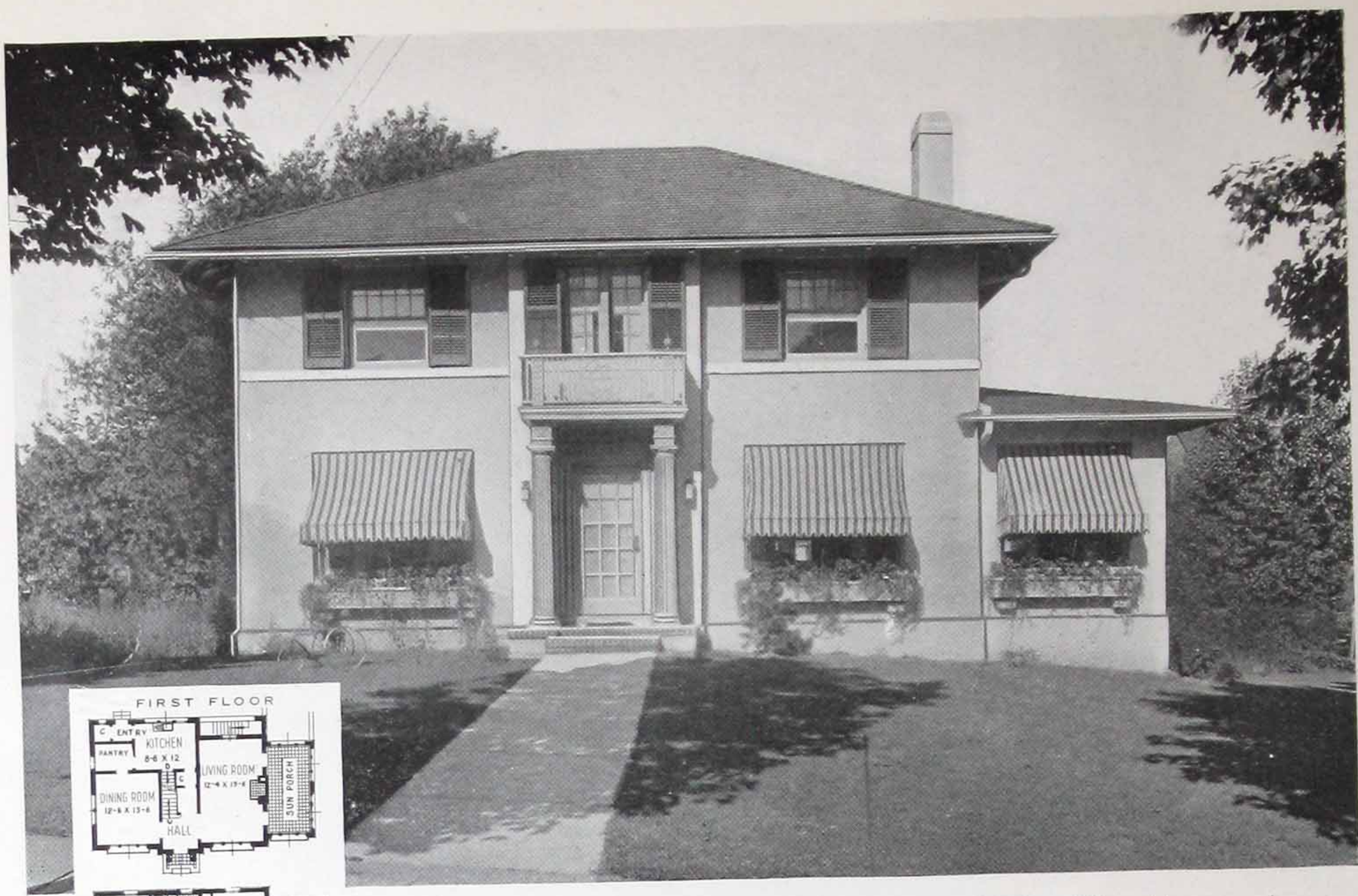


A comfortable and permanent bungalow of Natco Hollow Tile that can be economically constructed with interior insulated against extremes of temperature. Albert Baxter, Park Ridge, Illinois, Builder.





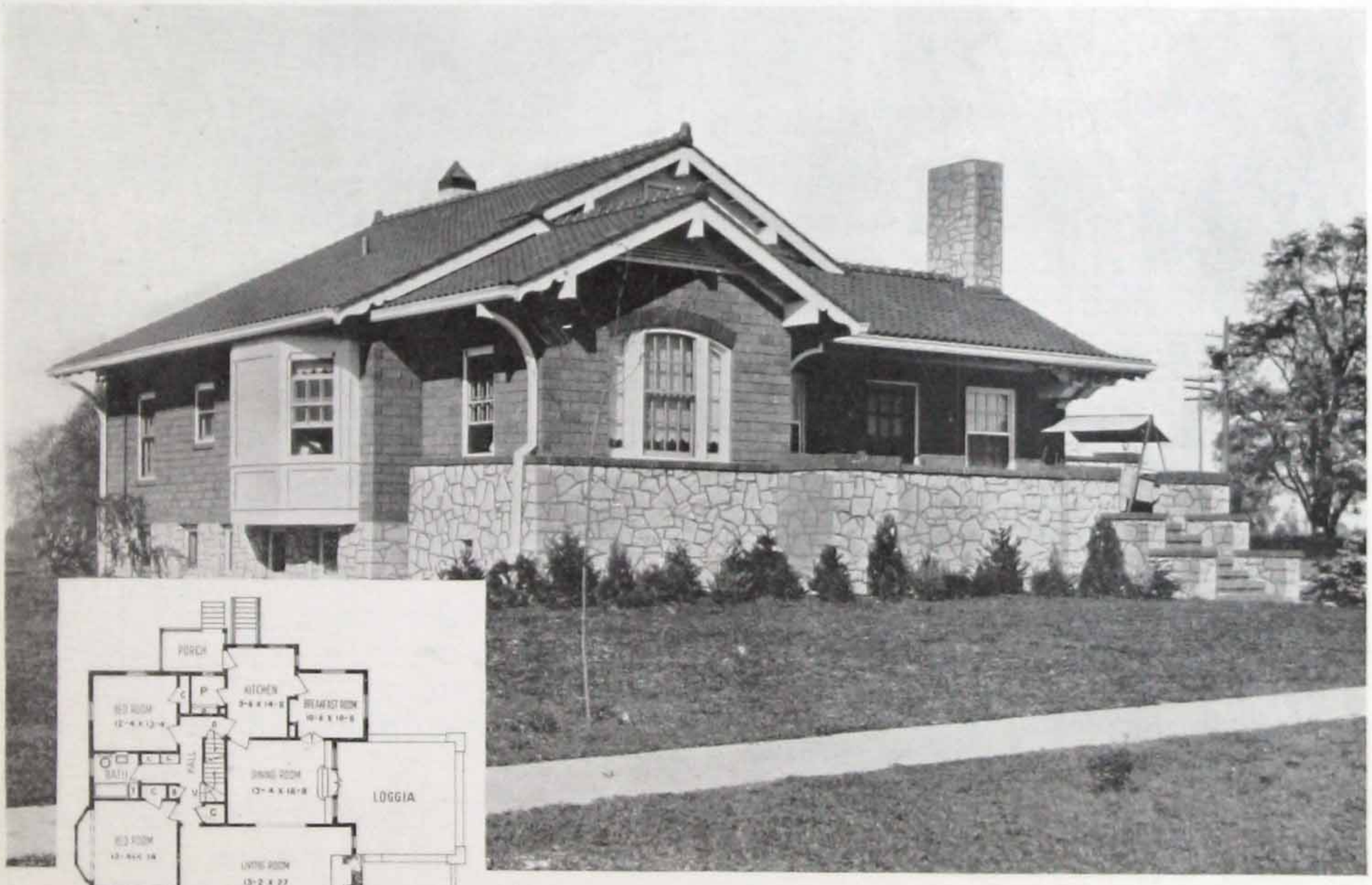
Neither dampness, temperature, climate or age can cause any deterioration in this fire-safe bungalow of Natco Double Shell Glazed Tex-Tile, at Girard, Illinois. C. E. Berry, Owner and Builder.



An excellent type of suburban home of Natco Hollow Tile with a covering of stucco that is artistic in design and convenient in arrangement. R. C. Hunter & Bro., New York City, Architects.

In this home and garage at West Bethlehem, Pa., Natco Hollow Tile with a stucco finish creates a feeling of substantial and enduring comfort. C. E. Schermerhorn, Philadelphia, Pa., Architect.

This cozy bungalow of Natco Double Shell Glazed Tex-Tile at New Kensington, Pa., is attractive in design and substantial in construction with compact, convenient and economical plans. Louis Etzel, Great Belt, Pa., Tile Contractor



The rich, brown, varicolored shades of Natco Double Shell Glazed Tex-Tile in this Louisville bungalow make a charming contrast with the white trim and rubble stone. Frisbie Sanders, Architect. Gray & Leezer, Contractors.

An unusually attractive, fire safe and substantial two car garage of Natco XXX Load Bearing Tile at Dormont, Pa., that affords real protection to the car. Albert R. Geyer, Owner. C. G. Reis, Architect and Builder.

House Your Car in an Attractive, Substantial, Dry, Fire-Safe, Comfortable and Economical Natco Garage

As a result of the greater use of automobiles by people everywhere, most of the homes being built today are provided with a garage. It is much more expensive and inconvenient to keep a car at a nearby garage than to have it housed on one's own property, and so it has come to be quite the thing to instinctively think of a garage when one builds.

Of all building materials, Natco Hollow Tile has proved the most satisfactory for every type of garage construction. It can be quickly and economically constructed and is a permanent, attractive addition to the home with the possibility of future expenditures for repairs and replacements practically eliminated.

A garage of Natco Hollow Tile can be easily heated, and on account of the air spaces afforded by the enclosed dead air cells in the tile wall, retains the heat and keeps out the cold to an extent impossible with other materials.

Walls of hard-burned Natco Hollow Tile are impervious to moisture. You do not have to contend with dampness that quickly causes paint and the mechanism of the machine to deteriorate. In a garage of Natco Hollow Tile, you can work on your car in utmost comfort at all seasons of the year. An occasional coat of paint on doors and window frames is all that is necessary to keep it in perfect condition.

A two car garage of Natco Glazed Double Shell Tile, 18′ x 22′, at Manistee, Michigan, that adds not only to pride in ownership, but also to the value of the property.

A NATCO Hollow Tile Garage is truly fire-safe. It enables you to make material savings in your insurance. In every way, it affords the greatest protection possible to your car, both from communicated fires and the disastrous effects of severe winter weather.

Probably every day you drive, you pass many Natco Hollow Tile garages along the way. They may be of Natco Double Shell Unglazed Tile with its varied tones of light buff, or Natco Double Shell Glazed Tex-Tile, with its dark, rich chocolate shades, or the Natco Hollow Tile may be hidden away beneath a stucco covering, but it's there just the same—giving the utmost in economy and durability.

The large units of Natco Hollow Tile are quickly and easily handled with great savings in labor and mortar, which enables you to save time and money on your construction. That a poorly constructed garage is a bad investment, no matter how cheaply constructed, has been proved time and time again.

Every advantage of Natco Hollow Tile construction which we have dwelt on, in its use for the building of better built, more satisfactory, economical homes, is found in any garage which you may erect of this material.

We will gladly go over your plans or rough sketches and tell you the quantity and cost of the Natco Hollow Tile you will need for your new garage. From the notations we make on your plans, you can tell how and where the tile can be used to get the best results.

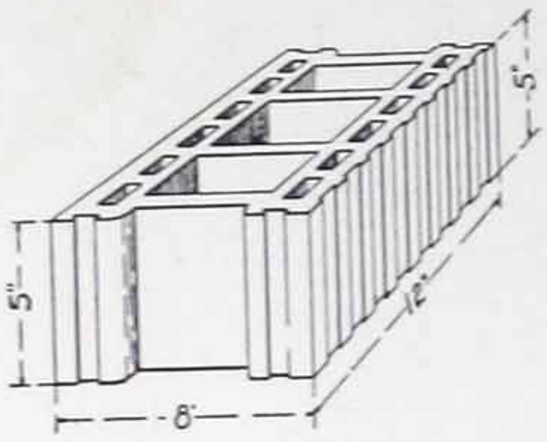
How well Natco XXX Load Bearing Tile adapts itself to good architectural design is proved in this two car garage on the Kittanning Pike, Sharpsburg, Pa. George A. Seavey, Owner.

A single car garage of Natco Double Shell Glazed Tex-Tile at Oakmont, Pa., that is easily heated, safe against weather and fire, free from painting and repairs as well as an attractive addition to the home.

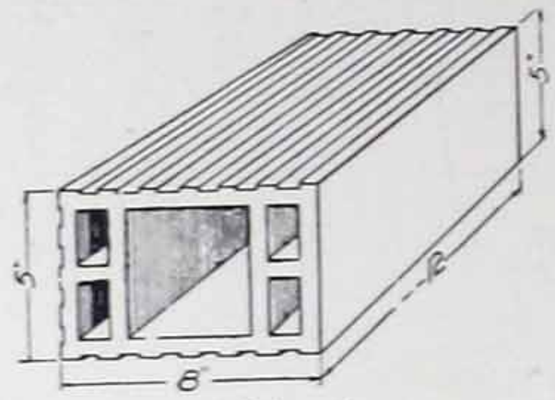
A two car garage of Natco XXX Load Bearing Tile at Aspinwall, Pa., that will not deteriorate, require repairs or replacements and harmonizes perfectly with the home and surroundings.

A single car garage of Natco XXX Load Bearing Tile at West Bethlehem, Pa., that combines beauty, economy and fire safety with wonderful protective and wearing qualities. C. E. Schermerhorn, Philadelphia, Pa., Architect.

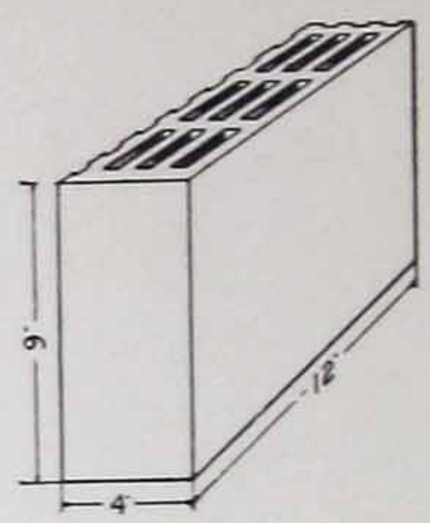
STANDARDS AND TYPICAL DETAILS NATCO DOUBLE SHELL TILE CONSTRUCTION



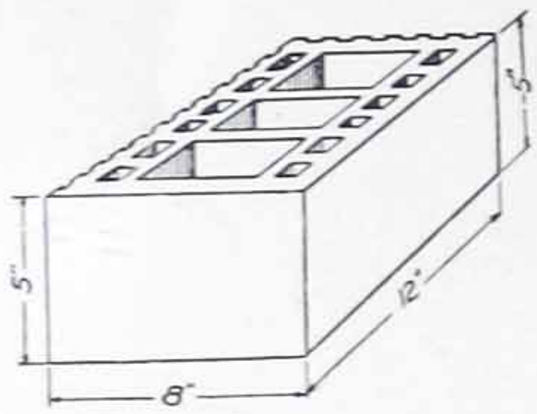
8" Wall Tile



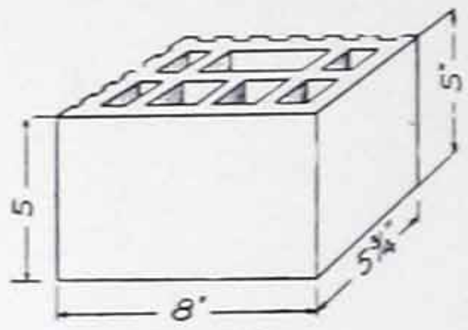
8" Lintel



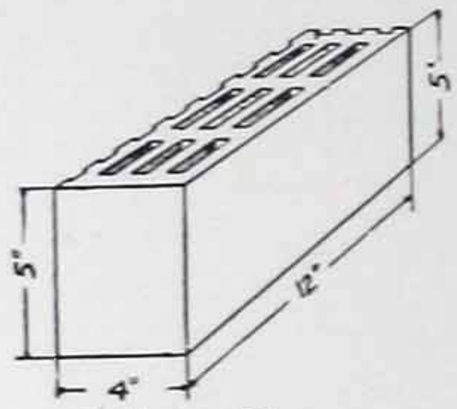
4" Joist Filler



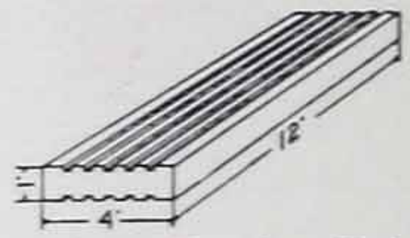
8" Closure



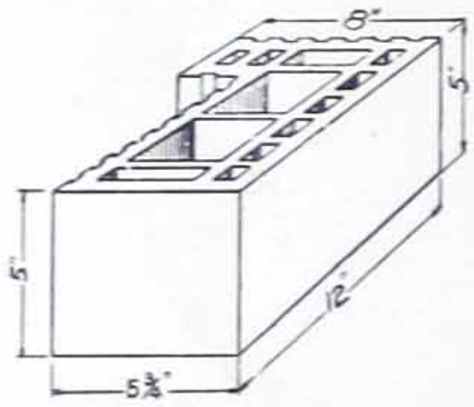
8" Half Closure



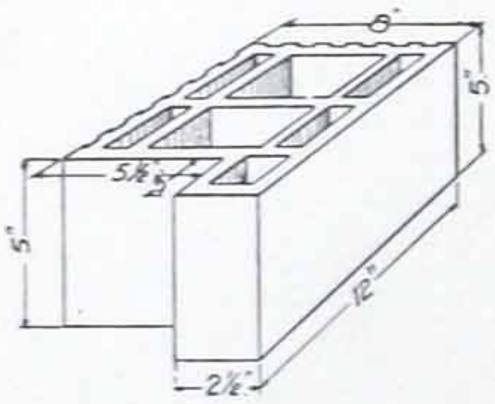
4" Joist Closure



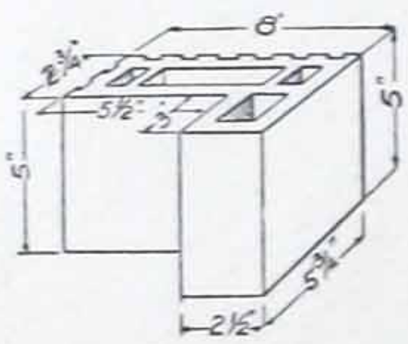
1"x4" Joist Bearing Slab



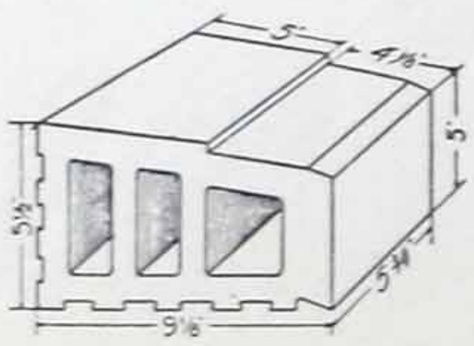
8" Corner



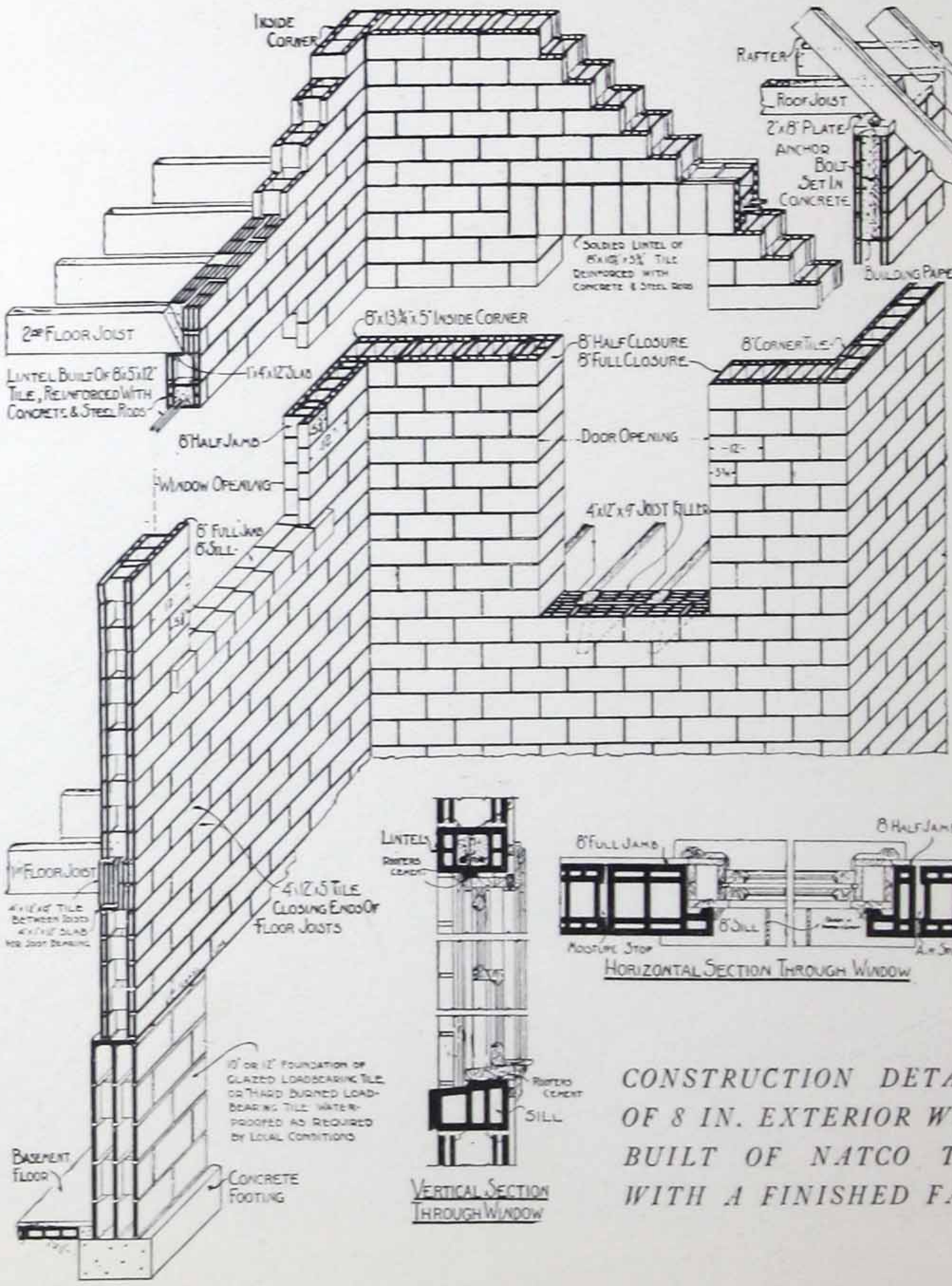
8" Full Jamb



8" Half Jamb



8" Sill

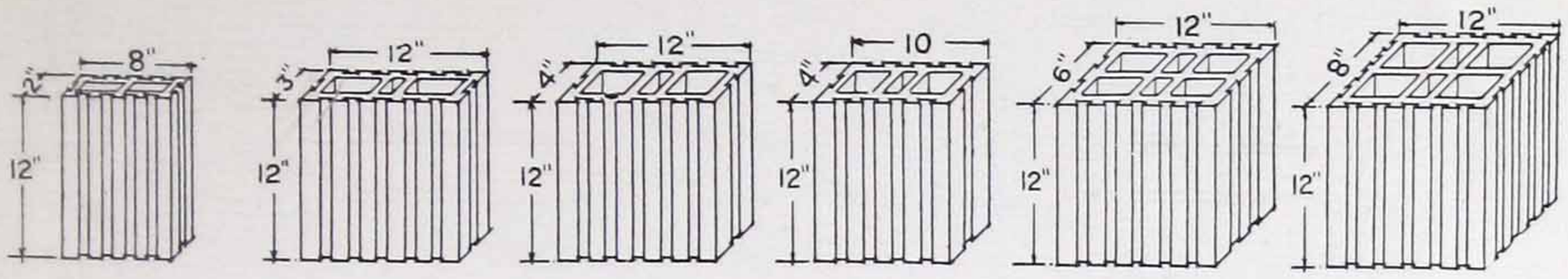


VERTICAL SECTION THROUGH WINDOW

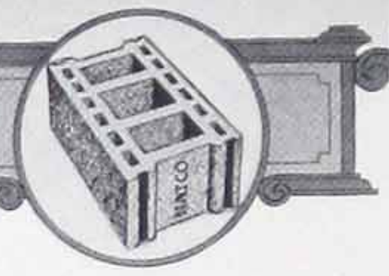
HORIZONTAL SECTION THROUGH WINDOW

CONSTRUCTION DETAILS OF 8 IN. EXTERIOR WALL BUILT OF NATCO TILE WITH A FINISHED FACE.

STANDARDS AND TYPICAL DETAILS NATCO XXX HOLLOW TILE CONSTRUCTION


8"
12"
12"
12"
10
12"
12"
12"

TYPICAL HOMES AND GARAGES *of* NATCO HOLLOW TILE



The man who owns his own home has a happy sense of security. He will invest his hard-earned savings to improve the house he owns. He will develop it and defend it. No man ever worked for or fought for a boarding-house.

HERBERT HOOVER
Secretary of Commerce

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